PROJECT 10073 RECORD CARD

1. DATE 11-12 Nov 56	2. LOCATION El Toro, California	12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon
3. DATE-TIME GROUP Local _____ GMT _____	4. TYPE OF OBSERVATION ☐ Ground-Visual ☒ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar	☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft
5. PHOTOS ☒ Yes Radar Scope ☐ No	6. SOURCE El Toro Marine Station (Military)	☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical
7. LENGTH OF OBSERVATION Up to 8 hrs - depending on observer	8. NUMBER OF OBJECTS 3 - 7	9. COURSE Various directions reported ☒ Other Anomalous Propaga ☐ Insufficient Data for Evaluation ☐ Unknown

10. BRIEF SUMMARY OF SIGHTING

UFO observed visually and by radar from ngith of 11 Nov to morning 12 Nov, though not simultaneously. Helicopter and a/c directed to intercept. Nothing observed in UFO area. Blips, which kept suddenly appearing and disappearing, indicated speeds from 50K to 15,000 MPH (Mach 25.0)

Somehow from another radar activity, which could confuse even an experienced radar operator. Results of ATIC analysis submitted to 4602d, 8 Jan 57 by telephone per their TT msg dtd 7 Jan 57.

11. COMMENTS

Attempt to relate visual sightings with radar scope return does not appear valid. No visual sighting or intercept made of the objects seen on scope. Both helicopter and aircraft attempted interception, but although radar would lead them to UFO vicinity those aircraft observed nothing. This report is generally typical of anamolous propagation resulting either from an unusual combination of weather and other related conditions or interference.

ATIC FORM 329 (REV 26 SEP 52)

1. To be followed by formal OF
2. Reply in conformity to (OF, 6 Dec 56) our analysis. etc.

I believe the blips appearing on the scope were not true targets, but were probably anomalous propagation. From the description of the blips as moving rapidly and erratically, disappearing and reappearing, it would appear that the indications were of the type which results from such propagation peculiarities.

This doesn't explain the lights, of course, but the fact remains that some saw the lights and some did not.

Also the fact that the pursuing aircraft never saw them, or had radar contact with them is an indication that there were no material targets there. Quite possibly the reason the airborne radars did not pick up the blips while the ground station did is the difference in operating frequency of the sets. airborne on "X" band and ground on "S" band.

Sorry to wear out the same old story.

V. D. Brown

Called 1055Z

13 Nov 56 07 21

RE006

V WPB029 YDD009 XYA065 XMA014SBA013SBG001

*****YY RJEDEN RJWPJB RJEDWP RJEPHQ

DE RJWPSB 168G

Y 121007Z

FM COMDR 1229 AACS SQ (FLT SVD) HAMILTON AFB CALIF

TO COMDR AIR DEFENSE COMMAND ENT AFB COLO SPRINGS COLO

COMDR 27TH AIR DIVISION DIFENSE NORTON AFB CALIF

COMDR AIR TECHNICAL INTELLIGENCE CENTER

WRIGHT PATTERSON AFB OHIO ATTN ATIAA-2C

DIRECTOR OF INTELLIGENCE HQ USAF WASHING 25 D.C.

BT

U F O B

1 DESCRIPTION OF OBJECT

A CLEAR PIPS ON RADAR SCREEN

B LIGHT SIZE OF R4D NAVIGATION LIGHTS

C RED LIGHTS FLASHING

D 3TO 7

E 3 TO 7

F NONE G NONE H NONE I NONE

2 DESCRIPTION OF COURSE OF OBJECT

A RADAR PIPS ON RADAR AT ELTORO MARINE CORP AIR STATION

B HELICOPTER AT 0615Z FLYING AT ELTORO MCAS WAS AT 5000MSL

EST HEIGHT ABOVE 6000 GCA AT 0815Z EST HEIGHT 15000MSL

C APPROX 0700Z 160DEG FROM ELTORO MCAS TURNED LEFT

PAGE 2 RJWPSB 168G

DISSAPPEARED REAPPEARED AND AT 0815Z WITHIN1-7 MI OF ELTORO MCAS

D VARIED 1-7 MI ELTORO MCAS HELICOPTER OBSERVED 150DEG

FROM ELTORO MCAS SPEED ON RADAR 040 KNOTS TO 2200KNOTS ← Wide range ?!

E LIGHTS FADED OUT AT APPROX 0700Z PIPS REAPPERAED ONRADAR INTERMITTNAT

STILL OBSERVED ON RADAR AT 0930Z 12 NOV ← note

F FIRST OBSERVED ON RADAR APPROX 0530Z LIGHTS DISSAPPEARED APPROX

0700Z PIPS ON RADAR REAPPEARED STILL OBSERVED AT0815Z

3 MANNER OF OBSERVATION

A GROUND GCA SEARCH RADAR CPN-4 PILOT IN HELICOPTER OBSERVER IN

TOWER ELTORO MCAS

B BINOCULARS

C MARINE HELICOPTER AT 5000MSL 070K ELTORO MCAS 150 DEG

MAGNETIC HEADING

PAGE 3 RJWPSB 168G

4 TIME AND DATE OF SIGHTING

A 12 NOV 0930Z-0830Z ← space shows duration

B NIGHT

5 LOCATION OF OBSERVER ELTORO MARINE CORP AIR STATION CALIF

6 IDENTIFYING INFORMATION OF ALL OBSERVERS

A NONE

B CAPT M.M. SHUMAKER ASST OPERATIONS OFFICER ELTORO MCAS

7 WEATHER AND WINDS ALOFT AT TIME AND PLACE OF SIGHTING

A CLEAR VSBY 15 MI

B SURFACE 140/06 6000-030/05 10000-070/05 16000-310/10

PAGE 4 RJWPSB 168G

20000-300/15 30000-270/15 50000-270/05 80000-

8 ANY OTHER UNUSUAL ACTIVITY OR CONDITION WHICH MIGHT ACCOUNT FOR THE SIGHTING NONE KNOWN

9 INTERCEPTION OF IDENTIFICATION ACTION TAKEN: HELICOPTER FROM ELTORO MCAS

10 LOCATION OF ANY AIR TRAFFIC IN THE AREA AT TIME OF SIGHTING NEGATIVE AT ELTORO MCAS

11 POSITION TITLE AND COMMENTS OF THE PREPARING OFF

Cat for full investigation

Consider # cs "Unknown" until smelling detailed received from 4602nd. TT Msg sent out on morning of

PAGE 5 RJWPSB 168G

CAPT WARREN R. GREENLEE ASST OPNS OFFICER

27TH AIR DIVISION COORDINATION CENTER NOTIFIED

12 EXISTENCE OF PHYSICAL EVIDENCE: ELTORO MCAS TOOK PHOTOGRAPHS OF RADAR SCOPE, PHOTOGRAPH DEVELOPED AND "DEVELOPED CLEAR"

ON FILE ELTORO MARINE CORP AIR STATION CALIFORNIA

BT

18/1013Z RJWPSB NOV

Incl #2

Capt. Gregory

SE 12 + photos rec'd from 4602nd - A(S) - Evaluate

JOINT MESSAGEFORM	SECURITY CLASSIFICATION: UNCLASSIFIED

51E

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

23Nov56 1 12z

23/21282

PRECEDENCE		TYPE MSG (Check)			ACCOUNTING SYMBOL	ORIG. OR REFERS TO	CLASSIFICATION OF REFERENCE
		BOOK	MULTI	SINGLE			
ACTION	ROUTINE			X		TT Msg RJWPSB - 168G	UNCLASSIFIED
INFO							

FROM: COMDR ATIC

SPECIAL INSTRUCTIONS

TO: COMDR 4602d AISS
Ent AFB, Colorado Springs, Colorado RJEDEN

/UNCLASSIFIED/ FROM: AFOIN-4E4 -11-1511-E

REFERENCE RADAR UFO SIGHTING 12 NOVEMBER 1956 SUBMITTED BY TELETYPE MESSAGE RJWPSB-168G FROM COMDR 1229 AACS SQ HAMILTON AFB CALIFORNIA. MESSAGE STATES THAT SCOPE PHOTOGRAPHS WHICH QUOTE DEVELOPED CLEAR UNQUOTE ARE ON FILE WITH EL TORO MARINE BASE. THE MEANING OF QUOTE DEVELOPED CLEAR UNQUOTE IS UNCERTAIN. IF THIS MEANS GOOD, CLEAR PICTURES DEVELOPED, ACTION SHOULD BE TAKEN TO OBTAIN PHOTOGRAPHS FOR ANALYSIS BY ATIC. DISREGARD MESSAGE IF ACTION HAS ALREADY BEEN TAKEN.

COORDINATION:

AFOIN-4E4 for Dr. H.A. Wiley DATE 21 Nov 56

DATE	TIME
21	1400
MONTH: Nov	YEAR: 56

WRITER

SYMBOL: AFOIN-4E4 53 NOV 28

TYPED NAME AND TITLE (Signature, if required): Capt G.T.Gregory George T. Gregory

PHONE: 69216 PAGE NR.: 1 NR. OF PAGES: 1

SECURITY CLASSIFICATION: UNCLASSIFIED

RELEASER

SIGNATURE: WALLACE W. ELWOOD

TYPED (or stamped) NAME AND TITLE: WALLACE W. ELWOOD
1st Lt., USAF
Assistant Adjutant

DD FORM 1 MAY 55 173 REPLACES DD FORM 173, 1 OCT 49, WHICH WILL BE USED UNTIL EXHAUSTED

UNCLASSIFIED [redacted] 12 Nov

Incl. withdrawn

HEADQUARTERS
4602D AIR INTELLIGENCE SERVICE SQUADRON (ADC)
UNITED STATES AIR FORCE
ENT AIR FORCE BASE, COLORADO

AISOC 27 November 1956

SUBJECT: AIIR and Photographs of El Toro MCAS UFOB Sighting

TO: Commander
Air Technical Intelligence Center
ATTN: AFOIN 4E4
Wright-Patterson Air Force Base
Ohio

1. Inclosed is a copy of AF Form 112 with radar scope photographs of the El Toro MCAS UFOB sighting 12 November 1956.

2. Since evaluation of this sighting depends primarily on an analysis of the radar scope photographs, and since facilities for accurate interpretation of radar photographs are not available at this level, tentative evaluation by this organization is being deferred until your organization can complete a thorough analysis of the photographs.

3. At the present time, it appears that the radar part of this sighting was caused by some type of local phenomenon which affected the El Toro MCAS radar sets. The visual sightings (which may not necessarily have been related to the main radar sightings) seem to have been caused by known phenomena and/or temporarily over-active imaginations stimulated by the unusual events of the evening and morning.

FOR THE COMMANDER:

Charles W. Godsey

1 Incl
AIIR w/12 incls

CHARLES W. GODSEY
Captain, USAF
Assistant Adjutant

* The classification of this correspondence will be CANCELLED when the inclosures are withdrawn or not attached.

4602D AISS Classified Document Log # 56-1218

UNCLASSIFIED

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

[redacted]

Incl. withdrawn

[redacted]

DISPOSITION FORM

SECURITY CLASSIFICATION (If any)

[redacted]UNCLASSIFIED

FILE NO.	SUBJECT
	(U) Request for Analysis

TO AFOIN-4E1
ATTN: Col Hoffman

FROM AFOIN-4E4

DATE 6 Dec 56 COMMENT NO. 1
4E4/Capt G.T.Gregory/lto
69216

1. In accordance with established policies for review, we request your evaluation and comments regarding the attached AF 112 and TT message.

2. The attached IR, with radar scope photos, is one of the finest received by this office in a number of years. It indicates a considerable effort, thoroughness and detail. All personnel involved were interviewed; every AA weather communication, control unit and astronomical observatory in the area was contacted; and all A/C flights from 10:00 p.m. that night to 6:00 a.m. next morning are given; A/C interceptions were directed to find the UFO and, most important, detailed statements were taken from the pilots. As such, this report is considered complete for proper analysis.

3. Because of participation of so many activities and personnel in this sighting, a certain amount of publicity will undoubtedly arise. Therefore, expeditious action regarding this request would be appreciated.

4. Specific attention is invited to paragraph 2, Part III, which strongly indicates either anomalous propagation or, possibly, interference somehow from another radar activity. Notice should be taken of the erratic movements and fantastic speed of the blips in question. Our computations indicate velocities approaching Mach. 25 (15,000 mph).

Henry L. Miley
HENRY L. MILEY
AFOIN-4E4

2 Incls
1. Ltr w/AIIR & 12 incls (CONFL)
2. TT Msg DE RJWPSB 168 G (UNCL)

If Inclosure No. ..... is withdrawn (or not attached), the classification of this correspondence will be cancelled in accordance with AFR 205-1

UNCLASSIFIED

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

[redacted]

[redacted]

DD FORM 1 FEB 50 96 REPLACES NME FORM 96, 1 OCT. 48, WHICH MAY BE USED 16—84801-3 ☆ U. S. GOVERNMENT PRINTING OFFICE: 1950 O-883662

ATIC

7 JAN 57 09 02

ACTION INFOR. INFOR.

atic

957 JAN 7 08:46

MWPHØ44V WPFØ18ENAØ29

RR RJEDWP

DE RJEDEN 213

R Ø422ØØZ

FM COMDR 46Ø2D AISS ENT AFB COLO

TO COMDR AIR TECHNICAL INTELLIGENCE CENTER WPAFB OHIO

Susp 1/8/57

1 2 } 4E4

3 - 4X2a

BT

/UNCLAS/AISO ØØ5 PD ATTN CLN AFOIN 4EA PD IN ORDER TO CLOSE OUT Ø956 TOTLAS REQUEST ANY INFORMATION AVAILABLE ON THE EL TORO MCAS SIGHTINF ON 11 AND 12 NOVEMBER PD THIS SIGHTING WAS INADERTENTLY OMITTED FROM TELEPHONE CONVERSATION BETWEEN CAP T GREGORY AND LT MACHYKOWSKY ON 3 JAN 57 PD END

BT

Ø4/2255Z JAN RJEDEN

[redacted] 11/0530 Z

UNCLASSIFIED

AISOC 27 November 1956

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ATTN: AFOIN 4B4
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FOR THE COMMANDER:

1 Incl
AIIR w/12 incls

CHARLES W. CODSEY
Captain, USAF
Assistant Adjutant

The classification of this correspondence will be CANCELLED when the inclosures are withdrawn or not attached.

4602D AISS Classified Document Log # 56-1218

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DOD DIR 5200.10

UNCLASSIFIED

[redacted] [redacted]

Incl #1

APPROVED 1 JUNE 1948

COUNTRY	REPORT NO.	(LEAVE BLANK)
USA	10-UFOB-4-56 AISS-UFOB-451-56	

AIR INTELLIGENCE INFORMATION REPORT

SUBJECT		
UFOB		
AREA REPORTED ON		FROM (Agency)
MCAS EL TORO, CALIFORNIA, USA		Flight 1-C, 4602D AISS
DATE OF REPORT	DATE OF INFORMATION	EVALUATION
16 November 1956	11 & 12 November, 1956	
PREPARED BY (Officer)		SOURCE
LOUIS C. SAUTER, 1st Lt., USAF		WILLIAM E. WORD

REFERENCES (Control number, directive, previous report, etc., as applicable)

TT 1229 AACS 1688, 12 November, 1956

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.)

I. CONTENTS:

PART ONE: Description of sightings and radar observations by Sgt William E. Word, MCAS EL TORO, CALIFORNIA. (EJCD 1641)

PART TWO: Description of sightings and radar observations by M/Sgt Philip Karnowski, MCAS EL TORO, CALIFORNIA.

PART THREE: Description of sighting and intercept attempts by Capt. M.H. Shumaker, MCAS EL TORO, CALIFORNIA.

PART FOUR: Supplementary Investigative Efforts.

PART FIVE: Comments of Preparing Officer.

II. SUMMARY: Unidentified flying objects were observed visually and by radar over and in the vicinity of MCAS EL TORO, CALIFORNIA for a period of eight hours on the evening of 11 November, 1956 and the morning of 12 November, 1956. The information in this report was obtained from persons seeing these objects and from an investigation conducted to determine the possible cause of these sightings.

III. INVESTIGATORS: 1/Lt LOUIS C. SAUTER A02222336
WO-W1 RICHARD A. HOLM 954099E

Louis C Sauter
LOUIS C. SAUTER
1st Lt USAF
Officer in Charge

APPROVED:

John W Meador, Major
JOHN W. MEADOR
Colonel, USAF
Commander

12 INCLS (See Individual Parts)

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DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

DISTRIBUTION BY ORIGINATOR

Original to D/I, HEDUSAF
Copy to Comdr, ATIC
Copy to D/I, 27th Air Div (DEF)
Copy to Comdr 4602d AISS
Copy to Flt 1-C, 4602d AISS

Declassified
Document No. 54218

WARNING: THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT, 50 U.S.C.—

AIR INTELLIGENCE INFORMATION REPORT

FROM: (Agency)	REPORT	PART ONE
Flight 1-C, 4602D AISS	16-UFOB-4-56 AISS-UFOB-451-56	PAGE 2 OF 17 PAGES

I. SOURCE: WILLIAM E. WOOD, SGT., USMC

Address: MCAS EL TORO, CALIFORNIA.

Age: 26

Length of Service: 5 years

Duties: GCA and control tower operator

Education: High School graduate.

Qualifications: Two (2) years radar experience.
Three (3) years combined control tower and GCA operations.

II. RELIABILITY: When interviewed SOURCE was very cooperative with a positive attitude toward the questioning. He appeared to be genuinely interested in finding an answer to his observations. He gave a very detailed account of everything that had happened. He appeared to be of average intelligence and very knowledgable of radar and air traffic procedures. He could offer no explanation as to the identity of the objects he observed and stated that in all his experience with radar he had never seen any returns resembling these. In view of SOURCE's sincerity, familiarity with his job and experience he may be considered as reliable.

III. SOURCE'S DESCRIPTION OF SIGHTINGS AND EVENTS:

1. SOURCE was on duty as standby GCA operator on the evening of 11 November, 1956. At approximately 2130 PST he was standing outside near the GCA unit and noticed a bright light orbiting north of the field (MCAS EL TORO). He immediately entered the GCA unit and turned on the set, then notified the control tower of the light.

2. The object appeared on the screen as a large target, moving erratically and at speeds which SOURCE estimated to be from fifty (50) to over two thousand (2000) knots. (He stated that at one time, one of the objects moved from one side of the screen to the other, a distance of approximately eighteen (18) nautical miles in a period of four (4) seconds). Shortly, this object was joined by a group of smaller objects. At this time they started moving all over the screen in a very haphazard manner, with no apparent destination. Again, their speeds varied from an estimated fifty (50) to over two thousand (2000) knots.

3. On several occasions, the objects moved rapidly, stopped abrubtly and then reversed course. On other occasions, the smaller objects appeared to join the larger one, merge with it and form one larger blip. A few seconds later, the small objects would depart and again dash all over the screen leaving the large blip in it's original size.

4. Early in the course of these observations, SOURCE swithhed on another radar set, this set revealed the same objects.

5. Having notified the tower of his observations, SOURCE was

NOTE: THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, USC, SECTIONS 793 AND 794. THE TRANSMISSION OR REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

soon visited by the Officer in Charge of the Station Rescue Unit, Captain M.H. Schumaker. Captain Schumaker sent a request for a photographer and an order to warm up the helicoptor.

6. In the ensuing hours, SOURCE attempted numerous intercepts on the objects by vectoring the helicoptor and later (approximately 0430PST) two F-86 D's from George AFB in on them but met with repeated failures. The helicoptor and the fighters would close on the objects but could never make contact, neither visual nor radar.

7. SOURCE stated that one of the objects flew formation with the helicoptor and both fighters for a short period of time the left them at a very high speed.

8. The helicoptor and fighters landed and , while refueling was in progress, the three pilots entered the GCA unit and personally observed the objects. They again took off and attempted further intercepts with negative results. As daylight approached, three new targets were picked up on the radar screen and immediately the fighters were vectored in on them. They were identified as commercial airliners, two DC-7's and one Constellation. At this point all the unidentified objects left the radar screen while heading in a Northwesterly direction. They never reappeared.

9. Photographs were taken of the radar screen at approximately 2330 PST. A sequence of six (6) photographs were taken at four (4) second intervals. (See Incls. # 6 - 11). A roll of [redacted] mm film was taken of the screen however at some time in their handling, the entire reel was exposed and it turned out completely blank.

10. The radar sets in use were the US Navy CPN4A, with a transmitter frequency of 2800 MC, a 20 RPM scan rate and a Hydrogen Thyratron type modulator. They employed a device which theoretically shows a return only on moving targets. The sets were operated at the ten (10) mile range the majority of the time. The antenna tilt ranged from 0° to ten (10) degrees. Heighth finding radar was not employed. The only altitude indication was given when Captain Schumaker, in the helicoptor, observed a light approaching him while he was at 4500 feet. This light was identified as one of the unidentified objects by radar.

11. There had been no recent maintenance difficulties with either set. SOURCE stated that he was familiar with the effects of signal interference and the effects of anomalous propogation. He stated that anomalous propogation had been observed to extend the range of the ground clutter at that site but that during the time of these observations it was not. In comparison to conventional aircraft, some of these targets appeared to be larger and faster, others about the same size as conventional aircraft but much faster and capable of maneuvers completely beyond the capability of modern aircraft. The targets remained the same size except in the instances where the smaller ones joined the larger one. They travelled at varying speeds, disappeared then reappeared in a new location several times. SOURCE stated that in his opinion, the targets could not have been birds nor ground return at ten (10) degrees antenna tilt as at that angle he was picking up the fighters at 18000 feet when they first approached the station.

DOWNGRADED AT 3 YEAR INTERVALS;

UNCLASSIFIED

[redacted]
(CLASSIFICATION)

AF FORM 112—PART II
APPROVED 1 JUNE 1948

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	PART TWO
Flight 1-C, 4602D AISS	IC-UFOB-4-56 AISS-UFOB-451-56	PAGE 4 OF 17 PAGES

I. SOURCE: PHILIP D. KARNOWSKI, M/SGT, USMC

Address: MCAS EL TORO, CALIFORNIA.

Age: 33

Length of Service: 12 years

Duties: GCA operator

Education: 1 1/2 years college.

Qualifications: Eleven years as Navigator (6100 hrs)
GCA Operator 1 year

II. RELIABILITY: When interviewed SOURCE was very cooperative and showed a marked interest in determining the cause of the sightings. He answered all questions concisely and to the point. He appeared to be of above average intelligence in general conversation. He stated that in all his experience he has never seen anything like this.

III. SOURCE'S DESCRIPTION OF SIGHTINGS AND EVENTS:

1. SOURCE was on duty with Sgt. Word at the time of the initial sighting and made all the same observations up until 0300 PST, 12 November at which time he departed and went to sleep. His statements coincided with Sgt Word's and he agreed on all the statements and observations made by Sgt Word up until the time of his departure.

1 Incl: Statement by SOURCE

AF FORM 112—PART II
APPROVED 1 JUNE 1948

[redacted] (CLASSIFICATION) UNCLASSIFIED

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	PART TWO
Flight 1-C, 4602D AISS	1C-UFOB-4-56 AISSAUFOB-451-56	PAGE 5 OF 17 PAGES

STATEMENT

At 2130 or shortly after, on 11 November, 1956, a red blinking light appeared above the lower mountain range directly North of MCAS El Toro. Myself and Sgt Word viewed the light through field glasses (8X50). The light seemed to set still for short periods of time, 30 seconds or so, then move at a rapid pace.

About 10 minutes after first sighting the object, Sgt Word and myself turned on the radar gear and spotted a target 6 miles North of the station. From this time on, until about 0300 the targets (about one to five or six) remained on our scopes. (Note after 0300, I made no more observations). The traffic of the targets North of the station remained about four to eight miles.

About 0200 the targets appeared South of the station coming on our scope about ten miles south, then closing on the station til reaching four miles. This one target spotted which appeared large, had other targets feeding in and out of it, at which time it remained almost stationery.

I visually covered the sky from time to time during the entire period while I was up. After the first sighting, I spotted nothing more.

M/Sgt Philip Karnowski
841870 USMC

TRUE COPY
Louis C. Sauter
LOUIS C. SAUTER
1/Lt USAF

DOWNGRADED AT 3 YEAR INTERVALS;

I. SOURCE: M.H. SCHUMACHER, CAPTAIN, USMC

Address: MCAS EL TORO, CALIFORNIA.

Age: 31

Length of Service: 14 years

Duties: OIC Air Rescue Unit

Education: Two years college

Qualifications: Pilot and/or observer for fourteen years

II. RELIABILITY: When interviewed SOURCE was very cooperative and did his utmost to aid the investigators. He answered all questions with thoroughness and preciseness. He was very friendly, though serious. He was very apparently tired as he had been up the entire night and still had not gone to bed when the investigators arrived. He appeared to be of above average intelligence in all phases of the conversation. In view of SOURCE'S sincerity, length of service and rank, he may be considered as reliable.

III. SOURCE'S DESCRIPTION OF SIGHTING AND EVENTS:

1. SOURCE was in station operations MCAS EL TORO at approximately 2135 and was notified by the control tower that GCA was reporting several unidentified objects on the radar screen. SOURCE immediately drove to the GCA unit and observed the objects. He requested a photographer to take scope photos and immediately took off in his helicoptor. GCA vectored him in on several of these objects but he sighted nothing. At approximately 2230 PST he observed a flashing red light on a heading of approximately 160 degrees. GCA verified this target and vectored him towards it. However, he was unable to close on it and after a five minute chase the light made a turn to the left and disappeared. SOURCE remained airborne until approximately 2300 at which time, he landed and had the helicoptor refueled. At this time, SOURCE advised Flight Service and ATC of the sightings.

2. SOURCE took off again, attempted more intercepts under the control of GCA and was still unsuccessful. He landed and took off again at ~~0x~~ 0130. Shortly after becoming airborne, SOURCE noticed a flashing red light which appeared to be on airway AMBER 1. He did not attempt an intercept on this. At approximately 0230, SOURCE sighted a steady red light approaching him from the North. GCA verified this and told him that it was heading directly towards his aircraft. Just prior to reaching SOURCE's aircraft, the light went out. SOURCE stated that immediately after this he saw a dark, shapeless object go by him on the right. He could not give any shape nor make out any details of the object. He described it merely as a dark "glob".

3. Shortly after this, two F-86's from George AFB joined in on the search and further intercepts were attempted but to no avail. After landing at El Toro and refueling with a stop in at the GCA unit to observe the targets, the fighter pilots and SOURCE again took off and attempted further

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(CLASSIFICATION)

AF FORM 112—PART II
APPROVED 1 JUNE 1948

AIR INTELLIGENCE INFORMATION REPORT

FROM (Agency)	REPORT NO.	PART THREE
Flight 1-C 4602D AISS	1C-UFOB-4-56 AISS-UFOB-451-56	PAGE 7 OF 17 PAGES

STATEMENT

At approximately 2135 on the evening of 11 November, 1956, I received a call from the tower that GCA had notified them that they had several objects on their screen that could not be identified. I drove to the GCA unit and observed the objects myself, called for a photographer, cranked up the chopper and went to investigate. GCA vectored me on to several objects, stated that they were on my wing but (I) could not observe anything. At about 2230 I did observe a red flashing light on a heading of about 160°. GCA verified my target. The target stayed at about my same speed (app 60 k) without increasing or decreasing distance for a period of about five min, he then turned left and with a sudden increase in speed, vanished from sight. I remained airborne until about 2300, then came back and refueled. (I) contacted Flight Service and ATC. They called back and we took off again. Again there were more radar contacts but I still sighted nothing. Came back and took off again about 0130, more radar contacts, then I sighted another flashing red light. It seemed to be about where a plane would be if he were flying AMBER 1 airway. Radar had him, he stopped a ways from the field, was joined by several more blips, two came back, then the large one disappeared. At about 0230, I sighted a red light approaching me from the North. GCA called it about the same time, stated one was approaching from the North on a collision course. Just prior to reaching me, his light went out (this was a steady red light). I then could make out a dark object, dropped my nose and he went by to my right. My first impression was that it was about the size of an L 19, but can safely say that I could not tell whether or not wings were visible. I reversed my course, but made no more visual contacts. Radar stated that he increased his speed and disappeared again to the North. Very shortly we had on station two F-86D's from George AFB. They also had blips come up on them, but they could observe nothing. We came down, refueled and went up again. It was now almost dawn and the only blips we saw were proven to be civil aircraft. Radar had no contacts after dawn. We discontinued at 0635 on the morning of 12 Nov 56.

Capt M.H. Schumaker
047155 USMC

TRUE COPY

Louis C. Sauter

LOUIS C. SAUTER
1/Lt USAF

[redacted]
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SUPPLEMENTARY INVESTIGATIVE EFFORTS

1. The Ground Observer Filter Center (Det 2, 4771st Ground Observer Sq) at Pasadena, California was contacted and it was learned that no unusual sightings had been reported to take place during the period of this report.

2. 27th Air Division (Defense), Norton AFB, California was contacted and the following information received;

a. All AAA sites in the Los Angeles area had been alerted and reported negative radar contacts with the unidentified objects during the period of this report.

b. All AC&W sites in the Los Angeles area reported negative radar contacts with the unidentified objects during the period of this report.

c. Weather reports for the Los Angeles area during this peridd;
El Toro - Clear, ceiling unlimited during entire period until 0600 at which time a 15,000 foot layer of scattered clouds was reported. Visibility, 10 miles.
Los Angeles - 1208 ft. ceiling. A mild inversion layer was (1200 ft) over the city with a base at 660 feet and a top at 2560 feet however no "trapping" was reported by any of the radar installations mentioned in this report.
Winds aloft in the El Toro area at 0030 PST were as follows;

Surface	- 140/06
6000	- 030/05
10000	- 070/05
16000	- 310/10
20000	- 300/15
30000	- 270/15
50000	- 270/05

3. Los Alamitos Naval Air Station was contacted and reported that they had been requested to monitor the area on their radar scopes at 0400PST. Their set was turned on at this time and radar contact maintained until 0630 PST. They reported negative contacts with the unidentified objects. The only contacts they had during this time wase the helicoptor, the two F-86's and the three commercial airliners which were intercepted by the F-86's from George AFB.(See Incl # 1)

4. Palomar and Mt Wilson Observatories were contacted and reported that they had observed nothing unusual during the time of this report.

5. The Flight Service Center at Hamilton AFB was contacted and the following military air traffic was reported in the Los Angeles area during this period;
1950 PST - AF C-131 # 1533 left departure point (undetermined) and reported over Los Angeles at 0100 PST at 14000 feet.

2300 PST (11 Nov) Navy AD5N # V 2602 reported over Los Angeles.

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[illegible] 12 YEARS

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0400 - C-47 # AF 16140 reported at 10,000 feet over Los Angeles.

6. The two fighter pilots involved were contacted and reported that they arrived in the area at approximately 0400 PST , made a visual search and then took vectors from the El Toro GCA operator. After searching for approximately twenty five minutes, they landed at El Toro, refueled and continued the search until daybreak. They reported that they were vectored into the objects several times but never made contact, visually or radar. Shortly after 0600, they were assigned three targets which they intercepted and identified as two American Airlines DC-7's and a Constellation. At this time they were instructed by the Control Center to return to George AFB. During refueling at El Toro, they went to the GCA trailer and personally observed the objects. The pilots were 1/Lt Frank M. Satterfield and 2/Lt H.F. Drye of the 329th Fighter Interceptor Squadron, George AFB, Calif.

7. Other personnel present at El Toro during this period were questioned and requested to make statements. Statements varied from negative observations to seeing several groups of lights going in all directions and at varying speeds. See Incls # 2, 3, 4 & 5

8. Photographs of the El Toro GCA screen taken at approximate four (4) second intervals at approximately 1130 PM PST (2330) were obtained from the photographer requested by Captain Shumaker. See Incls #

9. Allowing the possibility of a malfunctioning radar set, the commanding officer of the GCA detachment was approached and he stated that the set had been completely checked and was found to be in perfect working order and in addition to this, during the period of observation an alternate set was turned on and revealed the same targets.

10. CAA officials at Los Angeles International Airport were contacted and gave the following information:

AIRCRAFT NR	TYPE	DIRECTION IN OR OUT	REPORTED OVER	TIME	ALTITUDE
AF 49049	C-54	Inbound	Ontario Los Angeles	20:55 21:08	Descending from 10,000 ft
United 629	DC-6	Inbound	Ontario Downey	21:40 21:46	Descending from 14,000 ft
Navy 27738	P2V	Southbd Southbd Northbd Northbd	Long Beach Oceanside Oceanside Long Beach	21:59 22:14 22:34 22:50	10,000 ft 10,000 ft 11,000 ft 11,000 ft
ANG 35226	T-33	Inbound	Riverside Burbank	22:33 22:53	Descending from 30,000 ft
Western 65	DC-6	Inbound	Covina	22:40	Descending from 9,000 ft

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AIRCRAFT NR	TYPE	DIRECTION IN OR OUT	REPORTED OVER	TIME	ALTITUDE
Slick 6120C	DC-6	Outbound	Burbank Ontario	22:54 23:10	Ascending to 19,000 ft
AF 35855	B-26	Inbound	Downey Long Beach	22:58 23:22	Descending from 9,000 ft
United 710	DC-7	Outbound	Los Angeles Ontario	23:09 23:31	Ascending to 19,000 ft
United 527	DC-6	Inbound	Ontario Downey	23:17 23:24	Descending from 18,000 ft
Navy 1491	TV2	Westbd	Riverside Los Angeles	23:28 23:36	35,000 ft 35,000 ft
Navy 9582	SNB	Inbound	Oceanside Long Beach	23:27 23:46	Descending from 3,000 ft
Navy 29594	SNB	Inbound	Perris El Toro Los Alamitos	23:32 23:49 23:57	Descending from 12,000 ft
TWA 10	Conny	Outbound	La Habra Ontario	23:51 23:58	Asdending to 19,000 ft
TWA 102	S.Conny	Outbound	La Habra Ontario	00:02 00:08	Ascending to 19,000 ft
TWA 105	Conny	Inbound	Ontario Downey	00:07 00:15	Descending from 14,000 ft
TWA 87	Conny	Inbound	Ontario Downey	00:30 00:37	Descending from 14,000 ft
American 903	DC-6	Inbound	Los Angeles	00:44	Descending from 5,000 ft
United 532	DC-6	Outbound	Los Angeles Downey Ontario	00:46 00:56 01:02	Ascending to 19,000 ft
United 736	DC-7	Outbound	Los Angeles Downey Ontario	01:17 01:27 01:34	Ascending to 21,000 ft
AF 50412	T-33	Outbound	Las Alamitos Riverside	02:02 02:17	Ascending to 21,000 ft
TWA 101	Conny	Inbound	Ontario Downey	02:13 02:17	Descending from 12,000 ft
				02:38	Descending from 16,000 ft

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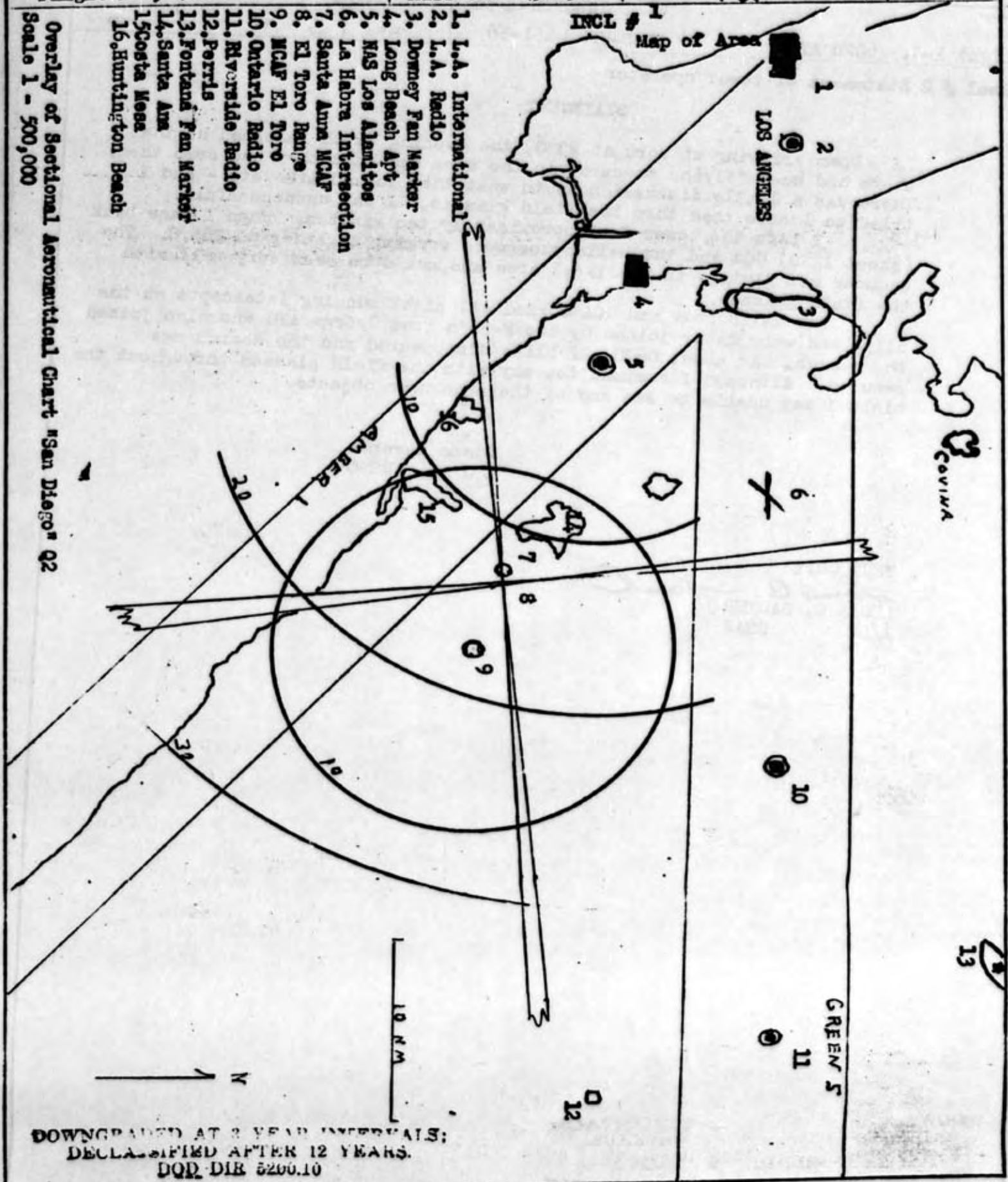
INCL # 1
Map of Area

1. L.A. International
2. L.A. Radio
3. Downey Fan Marker
4. Long Beach Apt
5. NAS Los Alamitos
6. La Habra Intersection
7. Santa Anna MCAF
8. El Toro Range
9. MCAF El Toro
10. Ontario Radio
11. Riverside Radio
12. Perris
13. Fontana Fan Marker
14. Santa Ana
15. Costa Mesa
16. Huntington Beach

Overlay of Sectional Aeronautical Chart "San Diego" Q2
Scale 1 - 500,000



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AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT, 50 U. S. C.—

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Encl # 2 Statement of tower operator

STATEMENT

Upon arriving at work at 2330, the evening watch informed us that there had been "flying saucers" in the area and that they had seen them. There was a little discussion as to what they looked like etc - and I tried to locate them thru the field glasses. I was unsuccessfull.

I left the tower for approximately ten minutes. When I came back (about 1220) GCA and the helicopter were working together on 265.8. The chopper was flying in the local area and could be seen very well with the field glasses.

The helicoptor and GCA worked all night running intercepts on the blips and were later joined by two F-86's from George AFB who also joined the search. At about 0630 all blips disappeared and the search was secured. Although I scanned the sky with the field glasses throughout the night I was unable to see any of these unknown objects.

Diane Leverma
Cpl USAC

THUE COPY
Louis C. Sauter
LOUIS C. SAUTER
1/Lt USAF

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FROM (Agency)	REPORT NO.	PART FOUR
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AIRCRAFT NR	TYPE	DIRECTION IN OR OUT	REPORTED OVER	TIME	ALTITUDE
United 737	DC-7	Inbound	Ontario	03:04	7,000 ft
			Downey	03:10	3,000 ft
TWA 63	Conny	Inbound	Fontana	03:45	Descending from 12,000 ft
			Ontario	03:50	
			Downey	03:57	
TWA 5	Conny	Inbound	Ontario	04:48	Descending from 8,000 ft
			Downey	04:56	
United 541	DC-6	Inbound	Covina	05:77	Descending from 9,000 ft
			La Habra	05:19	
			Downey	05:23	
United 719	DC-7	Inbound	Ontario	06:04	Descending from 11,000 ft
			Downey	06:10	

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Encl # 2 Statement of tower operator

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Diane Leverma
Cpl USMC

TRUE COPY
Louis C. Sauter
LOUIS C. SAUTER
1/Lt USAF

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Incl # 3 Statement of tower operator

STATEMENT

At approximately 2130 on 11 November, 1956, while our crew was on duty , we received a call from GCA. They reported having seen visually, lights in the N.E. sector. I looked through the binoculars but could see nothing at that time. A short while later, approximately 2230, the helicoptor went up to investigate. I kept visual contact with the helicoptor most of the time he was airborne and at one time saw a red light roughly 1000 feet above him and heading in the direction of Saddleback range. The light appeared to be very bright with a rapid erratic flash. I would judge it's speed at nearly 130-180 knots. Moments later it disappeared. Another time after the helicoptor had landed, I sighted a similar light bearing approximately 330° from the tower heading Easterly. It suddenly dropped from an estimated5 5000 or 6000 feet to very near the ground and vanished. I watched these objects for nearly three hours. They appeared to have no definite course or system in mansuvers. The most objects I ever saw at one time was two heading in the same general direction.

Edwin D. McCurdy
Sgt USMC
1355216

TRUE COPY
Louis C. Sauter
LOUIS C. SAUTER
1/Lt USAF

[redacted]

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Incl # 4 Statement of tower shift supervisor
STATEMENT

The following account is a description of my tour of duty as shift supervisor in the control tower on 12 November, 1956, during the hours of 0100 to 0800.

1. 2330, 11 Nov., Assuming the duty at approximately 2330 the shift supervisor being relieved advised me that Unidentified Objects were flying in the near vicinity of the airfield and that the Rescue Helicoptor was airborne trying to locate them. A complete scan of the horizon with binoculars failed to show anything.

2. During this period of duty, El Toro GCA kept the tower informed of all targets on their scopes and described several as being as large as an R5D, some being within six miles of the field at speeds estimated to be from 50 knots to as high as 2200 knots.

3. Visual checks, with and without binoculars were made throughout the night when targets were reported without success.

4. The weather during this period was very good, visibility was better than ten miles at all times and some haze was noticed around the Laguna Hills at very low altitude.

5. My experience as a tower operator is six years of actual duty. I am 31 years old, have a private pilots license and completed the advanced Air Control School at Olathe, Kansas.

Wallace R. Meredith
T/Sgt USMC

THIS COPY
Louis C. Sauter
LOUIS C. SAUTER
1/Lt USAF

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AIR INTELLIGENCE INFORMATION REPORT

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Incl #5 Statement of GCA outside observer

STATEMENT

Arround 2130, I noticed Sgt Word and M/Sgt Karnowski looking towards the North at a red light, which I never saw. We then turned on the scopes and picked up a clear target about five miles north. It moved very slowly in to about 2 miles north.

Thats all I saw. The rest of the morning I was outside observer for Sgt Word.

Jack C. Roe
Pfc - USMC

TRUE COPY
Louis C. Sauter
LOUIS C. SAUTER
1/Lt USAF

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AIR INTELLIGENCE INFORMATION REPORT

FROM (Unit)	REPORT NO	PART FIVE
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COMMENTS OF PREPARING OFFICER:

1. The preparing officer was unable to arrive at any definite conclusion as to the cause of these sightings, However, since no other radar installations in the area observed these objects and so few visual observations were made, it seems possible that some local phenomenon was effecting the MCAS EL TORO radar installation.

Louis C. Sauter
LOUIS C. SAUTER
1/Lt USAF
Officer in Charge

COMMENTS OF APPROVING OFFICER:

1. In the opinion of the Approving Officer, this sighting was caused by anomalous propagation compounded by excitment of the Sources, causing an attempt to relate visual sightings to the radar sightings. The following reasons are given for this evaluation:

a. Although one Source stated that he was familiar with the effects of anomalous propagation, past experience indicates that this phenomena is seen in various forms, all of which are not easily identified.

b. There are many radar sites in the area. Anyone of these could have been causing interference, compounding the effects of anomalous propagation, thus making this phenomenon unidentifiable even to trained observers.

c. Although, during vectoring operations, ground radar observed the objects on the wing of the interceptor, neither visual or radar contact was made from the aircraft.

d. It has been noted several times in the history of the UFOB program that observers have noticed a normal phenomenon and then picked up an object on radar. These two objects are not necessarily the same. It will be noted that, at no time, did the observers see visually the fantastic speeds and maneuverability of the objects that were seen on the radar scope.

2. Therefore, an evaluation of "Other: Was Anomalous Propagation" is given to this sighting.

3. The photographs have been sent to ATIC for further analysis.

7 Incls
1-5 & 12 n/e
6-11 w/d

for John D Taylor, Major
JOHN W. MEADOR
Colonel, USAF
Commander

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