		PROJECT 100/3 REC	LUND CARD			
. MR GHI		2 LOCATION 31,30N 70.30W Atlantic			Was Balloon Probably Balloon	
	05Z-06/06	4. TYPE OF OBSERVATIO	ON Ground-Radar Air-Intercept Radar	000 PX00	Possibly Balloon Was Aircraft Probably Aircraft Possibly Aircraft X Was Astronomical Meteor Probably Astronomical Possibly Astronomical Possibly Astronomical	
		8. NUMBER OF OBJECTS		000	Other_ Insufficient Data for Evaluation Unknown	

RC232

SQAE91ZCZCVYDE19NOAZ4Z

PP RJEDSQ

DE RJESNO 2

P 122325Z

FM COMDR AFMTC

TO COMDR ATIC WRIGHT PATTERSON AFB

BT

UNCLAS FROM MTR Ø7Ø9 YOUR PRIORITY MESSAGE Ø9153ØZ ON SIGHTING OF FIREBALL RECEIVED AFMTC 112157Z. AFMTC RANGE INACTIVE 26 JUNE THRU 7 JULY. NO INFORMATION AVAILABLE TO EXPLAIN DESCRIBED PHENOMENON.

BT

12/2331Z JUL RJESNO

NNNN

TO NO. HIME Date By: 4 F4

UNIVERSITY of PENNSYLVANIA

PHILADELPHIA 4

FLOWER AND COOK OBSERVATORIES

1959 July 30

Executive Officer,
Public Information Division
Office of Information Service
Deapartment of the Air Force
Washington, D.C.

Dear Sir:

Last year the Executive Officer very kindly, in reply to a request from me for information about certain fireballs which appeared in 1957, sent me a considerable amount of useful information, which can be used in the solution of the atmospheric paths and orbits of these bodies.

During the past year or so a large number of fireballs have appeared over the eastern or south eastern states, and in the cases of the five to be mentioned. I have been able to assemble a number of observations. But despite this I find it impossible to make good solutions. I am therefore writing to urgently request that you be good enough to send me copies of any or all reports in your hands, dealing with these bodies.

I may add the Hydrographic Office of the U.S.Navy has for over 30 years effectively cooperated in such work and as a consequence it has been nossible to solve for many important fireballs. Such cooperation from your office, as a routine matter, would also be invaluable.

The specific bodies I now request information on are:

1958 April 20/21 Southeastern States 8:20 per April 20/25

1958 July 4/5 North Carolina etc. 1 ± and July 5

All hines

This 1958 Nov. 30 South Carolina etc. 6:10 per Nov. 30

This 1958 Dec. 13/13 New York, New Jersey etc. 12:42 am Dec. 14

1959 Feb. 10/11 South Carolina etc. 4:15 and Feb. 11

It would be a great favor to me and useful to science if you would be good enough to send me observations dealing with these fireballs.

Very sincerely yours,

Narberth, Pa.

AFCIN-411/6

"Fireballs

SAFIS-3 (Major L. J. Tacker)

1 9 AUG 1959

- 1. In answer to a request by Dr. The following information is submitted:
- a. 20 April 1958. 2019 IST Two aircraft at 9000 feet altitude.

 located at 30 degrees 50'N 83 degrees 45'W, east of Thomasville, Georgia, sighted the following object: round, light green, increasing in intensity as it approached the aircraft. Object had a trail smaller than the diameter of object, pink, then dark compared to clouds; approach speed from the northeast toward the aircraft was like a meteor, heading southwest. Object passed between the aircraft and Cordell, Ceorgia in a descending curve. The glow just disappeared. Object in view for four seconds.
- b. 5 July 1958, 0105 EJT At 31 degrees 30'N, 71 degrees 25'W, an electroft at 8000 feet altitude sighted the following: an object was observed one and one-half to two miles north of sircraft; object appeared to ignite at high altitude, leaving a long trail of sparks. At about 600 feet, object burst into bright green ball of fire, lighting up entire area. A few more sparks were observed floating earthward after explosion. This same object was seen from a position of 31 degrees 30'N, 71 degrees 30'N, and 32 degrees 30'N, 70 degrees 30'N by three other aircraft.
- c. 14 December 1958, Yonkers, N. Y., 0045 EST A large motor was observed east of Orion traveling in a southwest direction. The color was white, with a tail about as long as the distance from Setelgeux to Saiph. The meteor was in view for approximately one second.
- d. 14 December 1958, east of Elmira, N. Y., 0045 EST A brilliant light, yellow, slightly larger than a quarter, with a dark red tail seven times larger than object, was observed at a great height. It moved from southeast to northwest. Duration of sighting not reported.
- e. 14 December 1958, Smithtown, N. Y., 0041 EUT A bright light, orange-blue and greenish-white, traveled south to north, observed for 10 to 15 seconds.
- f. 14 December 1958, Toms River, Morristown, Wrightstown, McGuire AFB, and Lakehurst NAS, N. J., 0030-0100 DFF A round object, size of a large grapefruit, green, brilliant white, orange red, traveled in straight line from Toms River to Lakehurst NAS, as given above. Object was observed for five seconds.



c. 14 December 1958, Wilmington, Delaware and over Stillwater, Pa., OCA3 MAT - One object the size of a baseball, first observed 30 degrees above herizon, traveled west to east, broke into three perts, leaving a slight trail, and disappeared to the east. Object observed for five to six seconds.

. . . .

- h. 1/4 Describer 1958. Mashington, D. C., 00/3 LIT Round object, size of grapefruit, yellowish to light green, with thil similar to a comet tail. First sighted approximately overhead, disa peared 15 degrees above horizon to the north. Observed for 15 to 30 seconds.
- i. 11 February 1957, south of Heckingham, H. C., 0500 LST Round object, estimated to be 200 to 300 feet in diameter, dark green, tail was the same color, 200 feet long. First observed everhead, disappeared below horizon to the south. Observed for ten seconds.
- j. 11 February 1959, Show AFB, S. C., Ch15 AFT Round, size of craperruit at arm's length, white with a blue-red tail about two to three times the dismoter of the object. Object traveled in a southwest direction. Observed for five to ten seconds.
- k. 11 February 1959, north of Ingeland, J. C., 0420 LIT A bright white light with green ring around it was observed overhead, traveling to the southwest, and disappeared over the horizon. Size of object was between that of a grayefruit and a basketball. Observed for 30 seconds.
- 1. Attached is a copy of a United Press Release concerning a sighting on 20 April 1953, which occurred over the southeastern part of the United States.

FOR THE COLTANDER.

CORDON C. HOFFMAN

Colonel, USAF

Acts. Deputy for Sciences

and Components

1 Atch: Cy United Press Release 2-121

TELEPHONED

TO OF STATE

TIME

TIME

TO OF STATE

TO OF S

RAC 2

SQC765 TYC179HQA041

FF RJEDSQ

DE RJEFHQ

F 651446Z

FM HEDUSAF

TO ATIC WFATE

1st Msg

TIME SOLUTION AF AS ANDREWS AFE MD

TO RJEDDN/COMMANDER ADC ENT AFB

RJEPHQ/CHIEF OF STAFF USAF

REEGK/COMMANDER EASTERN SEA FRONTIER

ET

VTime: 0605

31301: 7175U 9695Z FASILING OBJECT WAS OBSERVED TO RIGHT OF

POSITION ATER OBJECT. BURST INTO BRIGHT GREEN BALL AT A HIGH

ALTITUDE OBJECT IGNIGHTED LEAVING A TRAIL OF SPARKS

7.7

5/4648Z JUL RJEZGA

Concur de sun bred frints

TO RJEDDN/COMDR. ADC.
RBEGK/COMEASTSEAFRON

RJEPHO/CHIEF OF STAFF USAF

INFO ZEN/COMDR 26TH ADIV

RJEPNB/COMDR CFECR

BT

/CUNCLAS/ CITE (NBR 5323.)

(1) CIRVIS REPORT.

(2) IDENTIFICATION REPORTING AIRCRAFT:

PAA 215 PAA 297A

- (3) BRILLIANT LIGHTING ALOFT.
- TIME Ø615Z ALT. ALOFT FT
- (A) 32-3ØN 70-3Ø W
- (5) DIRECTION OF TRAVEL & SPEED.

N/A

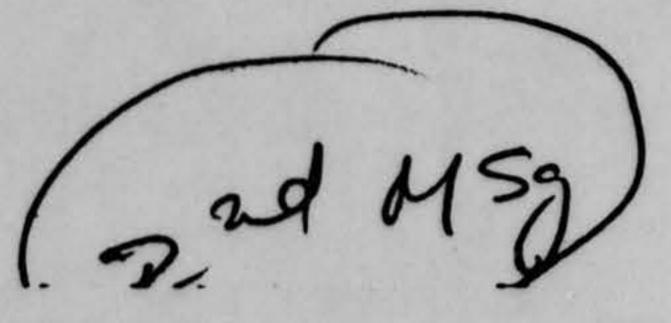
(6) REMARKS

RECEIVED FROM PAA AT 3651Z LC (NYARTC"ALTITUDE OF A/C 11,930

AND 9,000FT

BT

2500712Z JUL RJEPNH



06/52 5 Jul?

RF020

C = CF667 TYB753HQA247

PP RJEDSC

DE RJEPHO 805

P 251601Z

FM HEDUCAF

INFO ATIC WPAFB

FM COMACDEFORLANT ROSLYN NY

NININ'

66.052 5 Julio

RCØ2Ø

V SQG766 TYD945HQAØ46

PP RJEDSQ

DE RJEPHQ 804

P Ø51557Z

FM HEDUSAF

INFO ATIC WPAFB

P 05/07262 4

FM COMACDEFORLANT ROSLYN NY

TO RJEDDN/COMDR ADC

RELUK/COMEASTSEAFRON

RJEPHQ/CHIEF OF STAFF USAF

INFO ZEN/COMDR 26TH ADIV

RJEPNB/COMDR CFEOR

ET

/UNCLAS/CITE NBR 5305

(1) CIRVIS REPORT

(2) IDENTIFICATION OF REPORTING AIRCRAFT:

FAA 361

- (3) RBIGHT ILLVMINATION
- (4) TIME & POSITION.

TIME Ø6Ø5Z ALT. ALOFT FT

(A) 31.30N 71.30 W

(3) N/A 31(?) ?:0

- (3) N/A
- (2) N/A
- (E) BEARING 200 DEGREES FROM PAA 301
- (T) DIRECTION OF TRAVEL & SPEEED.

N/A

(E) REMARKS: ILLUMINATION WAS VERTICAL & SLIGHTLY FROM THE WEST

3rd Msg)

RA 22

O SQF672 TYD948HQA252

RR RJEDSQ

DE RJEPHQ 807

R 4.5/1813Z <

FM HEDUSAF

TO COMDR ATIC

ET

UNCLAS (37 158)

MESSAGE FROM C-121 TO CONAL, MATS AND AMERICA AIRWAYS. AT

50695Z POSITION 3139N 7125W. OBJECT OBSERVED ONE AND ONE HALF TO

TWO MILES RIGHT OF COURSE. IGNITED AT HIGH ALTITUDE AND LETT LONG

TRAIL OF SPARKS. AT ABOUT SAME FEET OBJECT BURST INTO BRIGHT GREEN BALL.

OF FIRE LIGHTING ENTIRE AREA. FEW MORE SPARKS OBSERVED FLOATING

EARTHWARD AFTER EXPLOSION. FLIGHT LEVEL OF AIRCRAFT 8000 MSL ENROUTE

FROM BERMUDA TO CHARLESTON, S.C. FOSSIELY ASSOCIATED ARE TWO MESSAGES

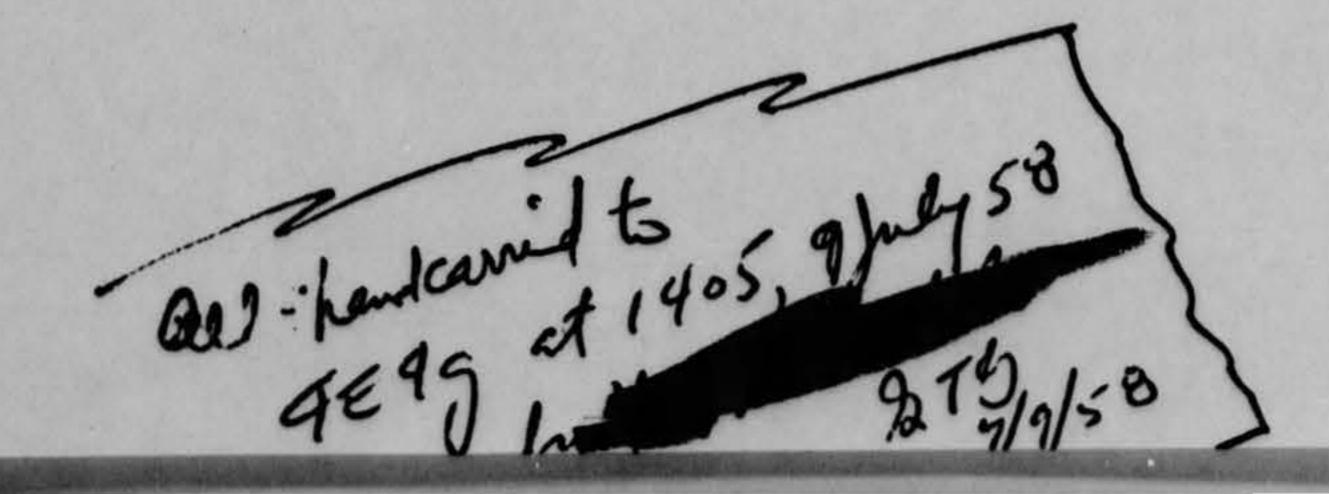
BEING FORWARDED TO YOU ORIGINATED BY COMAC EXPORLANT ROSLYN, N.Y.

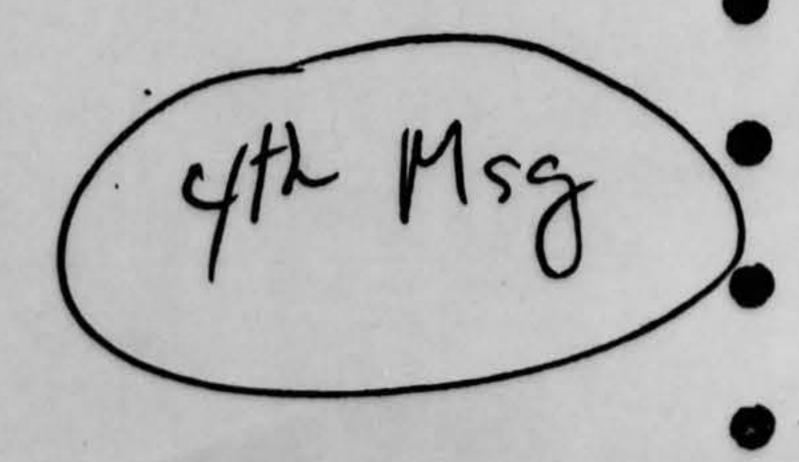
DTG #50710Z AND #55726Z. SIGHTINGS SAME AREA BY TWO PAA AIRCRAFT.

COMBR ADC NOTIFIED.

DT

15/1813Z JUL RJEFHO





JOINT MESSAGEFORM

SECURITY CLASSIFICA" UNCLASSIFIED

SPACE BELOW RESERVED FOR COMMUNICATION CENTER



ACCOUNTING CLASSIFICATION ORIG, OR REFERS TO TYPE MSG (Check) PRECEDENCE OF REFERENCE ACTION PRIORITY BINGLE BOOK MULTI AF INFO

FROM:

SPECIAL INSTRUCTIONS

COMDR ATIC

DIRECTOR OF RANGE OPERATIONS AF MISSILE TEST CENTER PATRICK AFB, FLORIDA

KJESNO

/UNCLASSIFIED/FROM: AFCIN-4E4

Reference is made to following CIRVIS and UFO Reports, HEDUSAF message 30051, COMACDEFORLANT 5303 and 5305, and USAF 37158 re C-121 to CONAD, MATS and ANDREWS, all dated 5 July 58, Zone. Subject.brilliant green ball of fire seen at high altitudes and leaving trail of sparks by AF C-121 and two PAA transoceanic airliners in general area of 31 degrees N - 71 degrees W, approximately 475 miles East-Southeast of Savannah, Georgia and almost due West of Bermude.

Object has all characteristics and description of true bolide, i.e. fireball, and is almost exact phenomenon encountered by PAA airliner 9 March 57, independently concluded to be fireball by Air Force, CAA and Smithsonian Astrophysical Institute.

However, request this Center be advised of any firings, runaway missiles or other operations in area known to you that could MONTHY

TIME 1530

	AFCIN-4	E4		SIGNATURE	in 18	Per
VRI	Capt G.T. Gre		TYPED (or sta	MAME AND TITLE	(
[PHONE 6916	PAGE /1	NR. OF 2	ATTE	Duty 07	gre
	SECURITY CLASSIFICATION UN	CLASSIFIE	A '			

JOINT MESSAGEFORM - CON. JUATION SHEET

SECURITY CLASSIFICATION

COMDR ATIC

account for sighting, including any known British operations in area. This is standard check and investigative procedure. Expeditious reply desired.

COORDINATION

AFCIN-4E4 L.V. Robinson for DATE 7/9/58

AFCIN-4E HK Miller DATE 10 J. m. Col W. K. Gilbert

SYMBOL

AFCIN-4E4

PAGES

SECURITY CLASSIFICATION

INITIALS