PROJECT 10073 RECORD CARD

	2. LOCATION 31.30N 70.30W Atlantic	12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon
05Z-06/0615Z	4. TYPE OF OBSERVATION ☐ Ground-Visual ☐ Ground-Radar XX Air-Visual ☐ Air-Intercept Radar	☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft
	6. SOURCE Military & Civilian Pilots	XX Was Astronomical Meteor ☐ Probably Astronomical ☐ Possibly Astronomical
VATION	8. NUMBER OF OBJECTS: one 9. COURSE: N/A	☐ Other_____ ☐ Insufficient Data for Evaluation ☐ Unknown

SIGHTING

at high alt & left long
ks. Obj burst into bright
fire lighting entire
e sparks observed floating
er explosion.

11. COMMENTS

Description of a bolide.

SEP 52)

TELEPHONED
TO OD
NO. 52151
TIME
Date
By:

06052

RAF 2

SQG765 TYC179HQA041

PP RJEDSQ

DE RJEPHQ

P 051446Z

FM HEDUSAF

TO ATIC WPAFB

1st Msg

30041

0 05/6 27Z

FM 30041/AFA3 ANDREWS AFB MD

TO RJEDDN/COMMANDER ADC ENT AFB

RJEPHQ/CHIEF OF STAFF USAF

RBEGK/COMMANDER EASTERN SEA FRONTIER

BT

Time: 0605

313 N 7175W 0605Z FALLING OBJECT WAS OBSERVED TO RIGHT OF POSITION AT60 OBJECT BURST INTO BRIGHT GREEN BALL AT A HIGH ALTITUDE OBJECT IGNIGHTED LEAVING A TRAIL OF SPARKS

BT

05/0648Z JUL RJEZGA

Everything here definitely points to object being a true bolide or "fireball"
Also See PAA case, 9 Nov 57. Earth was enter-
PERSEID shower - and therefore, more prominent now. GTG
Concur with Capt. Greg. was
L.V.R
7/9/58

TO RJEDDN/COMDR. ADC

RBEGK/COMEASTSEAFRON

RJEPHQ/CHIEF OF STAFF USAF

INFO ZEN/COMDR 26TH ADIV

RJEPNB/COMDR CFECR

BT

/CUNCLAS/ CITE NBR 5303.

(1) CIRVIS REPORT.

(2) IDENTIFICATION REPORTING AIRCRAFT:

PAA 215 PAA 297A

(3) BRILLIANT LIGHTING ALOFT.

(4) TIME & POSITION.

Time: 0605

TIME 0615Z ALT. ALOFT FT

(A) 32-30N 70-30 W

(5) DIRECTION OF TRAVEL & SPEED.

N/A

~~(6) REMARKS~~

RECEIVED FROM PAA AT 0651Z LC (NYARTC"ALTITUDE OF A/C 11,000

AND 9,000FT

BT

05/0712Z JUL RJEPNH

2nd Msg

Illegible 0615Z 5 Jul? 7

RF020

O 30F667 TYB750HQA247

PP RJEDSC

DE RJEPHQ 805

P 251601Z

FM HEDUSAF

INFO ATIC WPAFB

1/3 } 4E4

44X2B

2nd Msg

P 250710Z

FM COMACDEFORLANT ROSLYN NY

NNNN

0605Z → Jul

RCØ2Ø

V SQG766 TYD945HQAØ46

PP RJEDSQ

DE RJEPHQ 8Ø4

P Ø515577Z

FM HEDUSAF

INFO ATIC WPAFB

3rd Msg

P Ø5Ø726Z

FM COMACDEFORLANT ROSLYN NY

TO RJEDDN/COMDR ADC

1
2
3
} 4E4
4 4X2a

RELGK/COMEASTSEAFRON

RJEPHQ/CHIEF OF STAFF USAF

INFO ZEN/COMDR 26TH ADIV

RJEPNB/COMDR CFEOR

BT

/UNCLAS/CITE NBR 5305

(1) CIRVIS REPORT.

(2) IDENTIFICATION OF REPORTING AIRCRAFT:

PAA 301

(3) RBIGHT ILLUMINATION

(4) TIME & POSITION.

TIME 0605Z ALT. ALOFT FT

0605Z

(A) 31.30N 71.30 W

31(?) 70

(B) N/A

(C) N/A

(D) N/A

(E) BEARING 200 DEGREES FROM PAA 301

(T) DIRECTION OF TRAVEL & SPEEED.

N/A

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

REC'D FROM PAA MISS [redacted]

BT

[illegible]Z JUL RJEPNH

3rd Msg

05/0605Z
Jul

RA22

O SQF672 TYD948HQA252

RR RJEDSQ

DE RJEPHQ 807

R 05/1813Z

FM HEDUSAF

TO COMDR ATIC

BT

UNCLAS 37158

MESSAGE FROM C-121 TO CONAD, MATS AND ANDREWS AIRWAYS. AT 0506 05Z POSITION 3130N 7125W. OBJECT OBSERVED ONE AND ONE HALF TO TWO MILES RIGHT OF COURSE. IGNITED AT HIGH ALTITUDE AND LEFT LONG TRAIL OF SPARKS. AT ABOUT [illegible] 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. POSSIBLY ASSOCIATED ARE TWO MESSAGES BEING FORWARDED TO YOU ORIGINATED BY COMAC DEFORLANT ROSLYN, N.Y. DTG 0507 15Z AND 0507 26Z. SIGHTINGS SAME AREA BY TWO PAA AIRCRAFT. COMDR ADC NOTIFIED.

BT

05/1813Z JUL RJEPHQ

4th Msg

1
2
3
} 4E4

44X2a

CME

Qu) - hand carried to 4E4g at 1405, 9 July 58 [redacted] 2Lt 7/9/58

4th Msg

JOINT MESSAGEFORM

SECURITY CLASSIFICATION: UNCLASSIFIED

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

11 JUL 58 21 57 Z

[redacted]

PRECEDENCE	TYPE MSG (Check)			ACCOUNTING SYMBOL	ORIG. OR REFERS TO	CLASSIFICATION OF REFERENCE
ACTION PRIORITY	BOOK	MULTI	SINGLE X	AF		
INFO						

FROM:

COMDR ATIC

SPECIAL INSTRUCTIONS

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

RTESNO

/UNCLASSIFIED/FROM: AFCIN-4E4

Reference is made to following CIRVIS and UFO Reports, HEDUSAF message 30041, 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 Bermuda.

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, run-away missiles or other operations in area known to you that could

DATE	TIME
09	1530
MONTH JULY	YEAR 58

WRITER

SYMBOL: AFCIN-4E4

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

PHONE: 6916 | PAGE NR. 1 | NR. OF PAGES 2

SECURITY CLASSIFICATION: UNCLASSIFIED

RELEASER

SIGNATURE: William R. Lewis

TYPED (or stamped) NAME AND TITLE: ATIC Duty Officer

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

JOINT MESSAGEFORM - CON. .UATION SHEET

SECURITY CLASSIFICATION

UNCLASSIFIED

FROM:

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
Dr. H. A. Miley

AFCIN-4E H K Gilbert DATE 10 Jul
Col H. K. Gilbert

AFCIN-4X1 A F Arcier DATE 11 Jul
Mr. A. F. Arcier

SYMBOL	PAGE NR	NR OF PAGES	SECURITY CLASSIFICATION	INITIALS
AFCIN-4E4	2	2	UNCLASSIFIED	

DD FORM 1 MAY 55 173-1

☆ U. S. GOVERNMENT PRINTING OFFICE: 1955—352236

UFO dept

TELEPHONED
TO
NO.
TIME
Date
By:

RC232

SQA891ZCZCVYD819NOA242

PP RJEDSQ

DE RJESNO 2

P 122325Z

FM COMDR AFMTC

TO COMDR ATIC WRIGHT PATTERSON AFB

BT

UNCLAS FROM MTR 0709 YOUR PRIORITY MESSAGE 091530Z ON SIGHTING OF FIREBALL RECEIVED AFMTC 112157Z. AFMTC RANGE INACTIVE 26 JUNE THRU 7 JULY. NO INFORMATION AVAILABLE TO EXPLAIN DESCRIBED PHENOMENON.

BT

12/0331Z JUL RJESNO

NNNN

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 possible 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 pm Apr. 20	
1958 July 4/5	North Carolina etc.	1 ± am July 5	all times approx.
1958 Nov. 30	South Carolina etc.	6:10 pm Nov. 30	
1958 Dec. 13/14	New York, New Jersey etc.	12:42 am Dec. 14	
1959 Feb. 10/11	South Carolina etc.	4:15 am Feb. 11	

nothing in this file.

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,

[redacted]

Narberth, Pa.

OFFICIAL FILE COPY

AFCIN-4E4S

Fireballs

SAFIS-3 (Major L. J. Tacker) 19 AUG 1959

1. In answer to a request by Dr. [redacted], the following information is submitted:

a. 20 April 1958, 2019 EST - 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, Georgia in a descending curve. The glow just disappeared. Object in view for four seconds.

b. 5 July 1958, 0105 EST - At 31 degrees 30'N, 71 degrees 25'W, an aircraft at 8000 feet altitude sighted the following: an object was observed one and one-half to two miles north of aircraft; 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'W, and 32 degrees 30'N, 70 degrees 30'W by three other aircraft.

c. 14 December 1958, Yonkers, N. Y., 0045 EST - A large meteor was observed east of Orion traveling in a southwest direction. The color was white, with a tail about as long as the distance from Betelgeux 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 EST - 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 EST - 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.

COORDINATION [redacted]

HEY [redacted] TE 18 Aug 59

c. 14 December 1958, Wilmington, Delaware and over Stillwater, Pa., 0043 EST - One object the size of a baseball, first observed 30 degrees above horizon, traveled west to east, broke into three parts, leaving a slight trail, and disappeared to the east. Object observed for five to six seconds.

h. 14 December 1958, Washington, D. C., 0043 EST - Round object, size of grapefruit, yellowish to light green, with tail similar to a comet tail. First sighted approximately overhead, disappeared 45 degrees above horizon to the north. Observed for 15 to 30 seconds.

i. 11 February 1959, south of Rockingham, N. C., 0500 EST - Round object, estimated to be 200 to 300 feet in diameter, dark green, tail was the same color, 200 feet long. First observed overhead, disappeared below horizon to the south. Observed for ten seconds.

j. 11 February 1959, Shaw AFB, S. C., 0415 EST - Round, size of grapefruit at arm's length, white with a blue-red tail about two to three times the diameter of the object. Object traveled in a southwest direction. Observed for five to ten seconds.

k. 11 February 1959, north of Ragland, S. C., 0420 EST - 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 grapefruit and a basketball. Observed for 30 seconds.

l. Attached is a copy of a United Press Release concerning a sighting on 20 April 1958, which occurred over the southeastern part of the United States.

FOR THE COMMANDER:

t MPost 8/18/59

GORDON C. HOFFMAN
Colonel, USAF
Actg. Deputy for Sciences
and Components

1 Atch:
Cy United Press Release