

PROJECT 10073 RECORD CARD

1. DATE 17 Oct 60	2. LOCATION Vicinity Toledo, Ohio		12. CONCLUSIONS ☒ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon
3. DATE-TIME GROUP Local _____ GMT 17/1732Z	4. TYPE OF OBSERVATION ☒ Ground-Visual ☐ Ground-Radar ☒ Air-Visual ☐ Air-Intercept Radar		☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft
5. PHOTOS ☐ Yes ☒ No	6. SOURCE Civilian		☐ Was Astronomical ☐ Probably Astronomical ☐ Possibly Astronomical
7. LENGTH OF OBSERVATION 12 min	8. NUMBER OF OBJECTS one	9. COURSE	☐ Other _____ ☐ Insufficient Data for Evaluation ☐ Unknown
10. BRIEF SUMMARY OF SIGHTING Round or disc shaped object, size of pea, silver or white, appeared to be stationary.		11. COMMENTS This object was identified as a balloon by an interceptor, tracked as a known balloon by three separate radars and identified as belonging to Raven Industries, and was to be returned to them by the Coast Guard who recovered the item.	

NNNN

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
UNCLASSIFIED MESSAGE

AF IN : 26136 (19 Oct 60)

I N C O M I N G

Z/wg

ACTION: CIN-14

INFO : OOP-3, SAFS-3

(21)

SMD B 002

NN

CORRECT COPY

CZCHQC577ZCYJC849

PP RJEZHQ

ZEL RJEDAH

PP RJEDSQ RJEZHQ RJWFAL

DE RJEDAH 50

P 181930Z ZEX

FM CADS TRUAX FLD WIS

TO RJWFAL/ADC ENT AFB COLO

RJEDSQ/AIR TECH INTELLIGENCE CENTER WPAFB OHIO

RJEZHQ/HQ USAF AFCIN WASH D C

RJEZHQ/SECRETARY OF THE AF SAFIS WASH D C

BT

UNCLASSIFIED/CHDOI-10-001. UFO.

A. DESCRIPTION:

(1) ROUND OR DISK

(2) SIZE OF A PEA HELD AT ARMS LENGTH.

(3) SILVER OR WHITE

(4) ONE

(5) SINGLE

(6) NONE

(7) NONE

(8) NONE

*Forward
get forward this
info*

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(9) NONE

B. COURSE:

- (1) DIRECTLY IN LINE OF FLIGHT OF TWA FLIGHT 91.
- (2) 26,000 FT, 45 DEGREES
- (3) DID NOT DISAPPEAR-SIGHTING ACFT LEFT THE AREA.
- (4) APPEARED TO BE STATIONARY.
- (5) OBSERVING ACFT LEFT AREA.
- (6) TWELVE (12) MINUTES.

C. MANNER OF OBSERVATION:

- (1) VISUAL AND PHOTOGRAPHIC.
- (2) NONE
- (3) OBJECT SIGHTED IN FLIGHT PATH OF TWA FLIGHT 91. ACFT CIRCLED AND PASSED UNDER OBJECT.

D. TIME AND DATE OF SIGHTING:

- (1) 17/1732Z OCTOBER 1960.
- (2) DAY.

E. LOCATION OF OBSERVERS:

- (1) 41 28 N; 083 40 W
- (2) DIRECTLY OVER WATERVILLE OMNI (TOLIDO OHIO) ENROUTE FROM LA GUADIA APT, NEW YORK, TO OHARE APT, ILLINOIS.

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F. IDENTIFYING DATA ON OBSERVERS:

MR [REDACTED], DANBURY, CONN.

MR [REDACTED] CHICAGO 28, ILLINOIS

MR [REDACTED], SPARTA, NEW JERSEY

TWA CAPT. [REDACTED], L.I., N.Y.

G. WEATHER:

(1) NOT GIVEN

(2) (A) 200 DEGREES, 13 KTS

(B) 280 DEGREES, 20 KTS

(C) 280 DEGREES, 25 KTS

(D) 290 DEGREES, 35 KTS

(E) 260 DEGREES, 35 KTS

(F) 270 DEGREES, 65 KTS

(G) 300 DEGREES, 40 KTS

(H) NOT AVAILABLE

(3) UNLIMITED

(4) CLEAR 15 MILES

(5) FEW CIRRUS

(6) NONE

H. UNUSUAL ACTIVITY: NONE

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I. INTERCEPT ACTION: TWA FLIGHT 91 CLIMBED TO 35,000 FT AND CIRCLED OBJECT THEN PASSED UNDER IT.

J. KNOWN TRAFFIC IN AREA: NONE.

K. CAPT OF TWA FLIGHT 91 AND PASSENGERS WERE INTERVIEWED BY MAJOR MC DANIEL, AIR FORCE ADVISOR TO 103TH FIGHTER INTERCEPTOR SQ, ILLINOIS ANG, ACTING AT THE REQUEST OF HQ CHICAGO ADS INTELLIGENCE.

(3) AT ABOUT THIS TIME A BALLOON WAS REPORTED TO THIS OFFICE BY THE DETROIT ADS INTELLIGENCE OFFICER WHO STATED THAT HE WAS AWARE OF A PREDICTED IMPACT TIME OF 17/1715Z FOR THE CARGO OF THIS BALLOON. IT IS BELIEVED THAT THIS ISGHTING CAN BE CORELATED WITH THE BALLOON. DETROIT ADS FURTHER REPORTED THAT WHEN THE MONDOLA LANDED IT EXPLODED, SENDING SOME OBJECT BACK UP INTO THE AIR. THIS RELEASED A PARACHUTE AND THE OBJECT WAS RECOVERED BY PATROLMEN OF THE OHIO STATE POLICE WHO TURNED IT OBER THE THE COAST GUARD.

L. PHYSICAL EVIDENCE:

(1) PHOTOGRAPHS WERE TAKEN BY OBSERVERS [REDACTED], AND [REDACTED] 35MM FILM EXPOSED BY [REDACTED] WAS TURNED OVER TO THIS OFFICE AND IS CURRENTLY BEING PROCESSED. MR [REDACTED] EXPOSED 16MM MOTION PICTURE FILM AND DECLINED TO

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I N C O M I N G

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SUBMIT IT. HE STATED THAT HE WOULD HAVE IT PROCESSED AND THAT
IF THERE WAS ANYTHING ON IT HE WOULD SUBMIT IT TO THE 108TH
FIS.

(2) NONE.

M. NONE.

NOTE: 35 MM FILM IS KODACHROME AND ANY USABLE TRANSPARENCIES
WILL BE FORWARDED TO ATIC UNDER COVER OF AF FORM 112, UPON
COMPLETION OF PROCESSING.

BT

18/1927Z OCT RJEDAH

5 of 5

NNNN

RECEIVED

26 OCT 60 13 01

ATIC

ZCZCSGP359CZCSQB924ZCAHA014

RR RJEDSQ

DE RJEDAH 27

R 251736Z ZEX

FM CABS TRUAX FLD WIS

TO RJWFAL/ADC ENT AFB COLO

RJEDSQ/AIR TECH INTELLIGENCE CENTER WPAFB OHIO

RJEZHQ/HQ USAF WASHDC

RJEZHQ/SECRETARY OF THE AF WASHDC

BT

UNCLAS/CHOIN-12-022. UFO.

REFERENCE UFO REPORT, THIS HEADQUARTERS, CITE NBR: CHDOI-12-021,

DTD 18 OCT 60. PHOTOS TAKEN OF UFO BY OBSERVERS [REDACTED] AND

[REDACTED] IMPROPERLY EXPOSED, AND EXAMINATION OFFERS NO USABLE

EVIDENCE OF OBJECT PHOTOGRAPHED. FILMS BEING RETURNED TO

OWNERS WITHOUT FURTHER ACTION.

BT

25/1736Z OCT RJEDAH

174E2
34X27

1960 OCT 26 19 59

ADDITIONAL SERVICES

ATIC

JOINT MESSAGEFORM

SECURITY CLASSIFICATION

UNCLASSIFIED

SPACE BELOW RESERVED FOR COMMUNICATION CENTER

BOOK 2 ADS.
2EX

1960 OCT 25 20 43

515/31
25/3124

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

FROM:

ATIC W-P AFB

SPECIAL INSTRUCTIONS

TO:

CUSTER AFS, MICH RTEDBW

INFO: CADS, TRUAX FLD, WISC RTEDAH

UNCLAS/AFCIN-4E2x 10-3123-E

DETROIT ADS. YOUR MSG CHDOI-10-001, DTD 18 OCT 60 FR CADS TRUAX FLD RPTS THE SIGHTING OF AN UFO BY A TWA PILOT. THE MSG ALSO STATES THAT THE PAYLOAD OF A BALLOON LANDED AND THE OHIO STATE PATROL TURNED IT OVER TO THE COAST GUARD. REQ AN ATTEMPT BE MADE TO SECURE THE BALLOON'S PAYLOAD AND SEND IT, TOGETHER WITH ALL AVAILABLE INFO CONCERNING THE BALLOON, TO ATIC, ATTN: AFCIN-4E2x.

DATE	TIME
24	1243
MONTH	YEAR
OCT	1960

SYMBOL		AFCIN-4E2x		SIGNATURE	
TYPED NAME AND TITLE (Signature required)		Major Robert J. Friend		TYPED (or stamped) NAME AND TITLE	
PHONE		PAGE	NR. OF	PHILIP G. EVANS	
69216		1	1	Colonel, USAF	
SECURITY CLASSIFICATION				Deputy for Science and Components	
UNCLASSIFIED					

RECEIVED

31 OCT 60 08 50

ATIC

NNNNZCZCSQP25 SVCZCSQG695ZCBWA386

RR RJEDSQ

DE RJEDBW 3

R 281800Z ZEN

FM DETROIT ADS CUSTER AFS MICH
TO RJEDSQ/ATIC WRIGHT PATTERSON AFB OHIO
INFO RJEDAH/CHICAGO ADS TRUAX FLD WISC
RJEDAH/38TH AIR DIV SAGE TRUAX FLD WISC

BT

UNCLASS DEGIN 3174. FOR AFCIN-4E2X. REF YOUR MESSAGE AFCIN-4EX10-
3123-E, 24 OCT 60. THIS CONFIRMS TELEPHONE REPLY OF 27 OCT 60 TO
YOUR MESSAGE BY MAJOR A. G. LOVE, INTELLIGENCE DIV, DETROIT ADS.
THE BALLOON IN QUESTION WAS IDENTIFIED AS FRIENDLY (U.S.) DURING
ITS DESCENT BY NOTAM ON 17 OCT 60. ALTITUDES, TIMES, AND AREAS
ESTIMATED IN NOTAM CORRELATED ALMOST EXACTLY WITH ACTUAL DATA RECEIVED
FROM THREE OF OUR RADARS WHICH WERE LOCKED ON BALLOON AND ITS PAYLOAD.
F-101B FROM LOCKBOURNE ALSO MADE TWO IDENTIFICATION RUNS, FURTHER
CONFIRMING INFORMATION IN NOTAM. 29TH AIR DIV ADVISED THAT BALLOON
WAS OF U.S. ORIGIN AND WAS RELEASED SOMEWHERE IN THE DAKOTAS. LAST

Handwritten: 1200Z
34X2W
100 OCT 60
49
ADVISOR

PAGE TWO RJEDBW 3

INFORMATION WE RECEIVED ON INCIDENT WAS THAT COAST GUARD WAS TURNING
OVER PAYLOAD TO AGENCY RESPONSIBLE FOR BALLOON'S LAUNCHING. IF FURTHER
INFORMATION OR ACTION IS DESIRED, PLEASE ADVISE.

BT

28/1807Z OCT RJEDBW

RECEIVED

21 OCT 60 10 06

NNNNZCZCSQP056ZCSQA520ZCUYA225

PP RJEDSQ

DE DESPLAINES 1723/RUWMAF 5

ZNR

P 192100Z

FM COMDR 64TH TCS MED RES OHARE INTL APRT CHICAGO ILL

TO RJWFAL/COMDR ADC ENT AFB COLO

RJEDAH/COMDR 30TH AIR DIV TRUAX FLD MADISON WISC

RJEDSQ/ATIC WRIGHT PATTERSON AFB OHIO

RJEZHQ/HQ USAF WASH DC

RJEZHQ/SEC OF AF WASH DC

AFGRNC

BT

UNCLAS/CHOSO 2085. IMMEDIATE ACTION REQUIRED.

HQ USAF CMM ATTN CLN AFCIN. SEC OF AF CMM ATTN CLN SAFIS. UFO:

REFERENCE IS MADE TO AFR 202-2 PARA 15.

A. DESCRIPTION OF OBJECT.

/1/ ROUND OBJECT.

/2/ SIZE OF A PEA.

/3/ COLOR WHITE CMM BRIGHT REFLECTIVE.

/4/ ONE

/5/ SMALL LIGHT SEEN APPROXIMATELY 1/2 DIAMETER AWAY SAME LEVEL.

/6/ TRANSLUSCENT.

17 4E2+
2 3 4X2A

NO OCT 10 1960
AFB
AFGRNC
AFB
AFGRNC

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/7/ NO TAIL OBSERVED.

/8/ NO SOUND HAZARD.

/9/ NO FLASH OR DISCERNABLE CHANGE IN BRIGHTNESS OBSERVED DURING PERIOD OF SIGHTING.

B. DESCRIPTION OF COURSE OF OBJECT CLN

/1/ CO-PILOT NOTICED OBJECT APPROXIMATELY 20 DEGREES ABOVE THE HORIZON.

/2/ ANGLE OF ELEVATION 20 DEGREES ASIMUTH APPROXIMATELY 260 DEGREES OR STRAIGHT AHEAD ON A COURSE OF APPROXIMATELY 260 DEGREES.

/3/ OBJECT STAYED IN VIEW AT ALL TIMES.

/4/ FLIGHT PATH WAS DIRECTLY UNDER OBJECT. THERE WAS NO MANEUVERING.

/5/ OBJECT REMAINS IN VIEW AT ALL TIMES DURING THE SIGHTING.

/6/ OBJECT WAS VIEWED FOR A TOTAL OF 15 MINUTES.

C. MANNER OF OBSERVATION CLN

/1/ AIR TO AIR OBSERVATION.

/2/ NO OPTICAL AIDF WERE USED DURING THIS SIGHTING.

/3/ TYPE AIRCRAFT BOEING 707 TWA FLIGHT NO. 91 CMM HEADING APPROXIMATELY 260 DEGREES TRUE. GROUND SPEED 455 KNOTS. TRUE AIR SPEED 512 KNOTS.

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D. TIME AND DATE OF SIGHTING CLN

/1/ 1732Z/17 OCT 68.

/2/ DAY.

E. OBJECT WAS DIRECTLY OVER WATERVILLE OMNE.

F. IDENTIFYING INFORMATION ON OBSERVER CLN

/1/ [REDACTED] CMM PILOT CMM TWA CMM OTHER UNKNOWN.

/2/ NOT APPLICABLE.

G. WEATHER AND WINDS CLN

/1/ CLEAR AND VISIBILITY UNLIMITED.

/2/ NOT AVAILABLE.

/3/ SEE /1/.

/4/ SEE /1/.

/5/ SEE /1/.

/6/ NOT APPLICABLE.

/7/ NOT AVAILABLE.

H. THE MOON NOT ABOVE THE HORIZON AT THIS TIME.

I. AIRCRAFT CLIMBED FROM ALTITUDE OF 26000 FT TO 35000 FT WHILE DIRECTLY UNDER THE OBJECT. THE OBJECT WAS IN VIEW THROUGHOUT THE ENTIRE DURATION OF THIS CLIMB AND THE PILOT STATED THAT IT MADE NO ATTEMPT TO MANEUVER DURING THIS CLIMB. THE PILOT INDICATED

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THAT THE ADDITIONAL 9000 FT DID NOT INCREASE THE VISIBLE SIZE OF THE OBJECT AND AFTER PHOTOGRAPHS WERE TAKEN BY PASSENGERS HE DESCENDED AND PROCEDED TO HIS DESTINATION. NO INCREASE IN RADIO BACKGROUND STATIC WAS NOTED DURING THE TIMEWOF THE SIGHTING.

J. BALLOON RELEASE NOTAM PTW TO FAF BALLOON NO. 697N ALTITUDE 103'500 FT. BALLOON SCHEDULED TO PASS THROUGH 44000 FT AT 1745Z OVER MOUNT PEOLA CMM OHIO

K. RAYMOND S TRUE CMM 1ST LT CMM AFRES CMM 64 TCS QUOTE SIGHTING ADPEARS TO BE DIRECTLY ASSOCIATED WITH BALLOON RELEASE INDICATED ABOVE. SINCE NO MANEUVERS WERE MADE AND THE PILOT DESCRIBED THE LIGHT AS REFLECTIVE AND TRANSULUCENT CMM IT APPEARS THAT SUBJECT OBJECT WAS HIGH ALTITUDE RESEARCH BALLOON UNQUOTE.

L. PHOTOGRAPHS MENTIONED HAVE BEEN DISPATCHED TO 30 AIR DIV SAGE INT CONTACT SSGT PACKARD FOR PROCESSING. FILM IS TWO ROLLS CMM 35 MILLIMETER CMM STILL CMM PLUS ONE MAGAZINE CMM 16 MILLIMETER CMM MOTION PICTURE WHICH WAS KEPT BY PASSENGER.

PASSENGERS NAME HAS BEEN NOTED AND HE HAS INDICATED HE WILL CONTACT AIR FORCE AUTHORITIES IF PROCESSING SHOWS DISCERNABLE INFORMATION.

BT

22/1800Z

A Mysterious Object in Sky Thrills a Jet

BY ROBERT WIEDRICH

Capt. J. R. Petrie of Trans World Airlines is an experienced airman, not given to believing in flying saucers or even witches with Halloween just two weeks away.

But yesterday, when Petrie spotted a gleaming object high in the sky above Toledo, O., he blinked, then asked for a camera.

Petrie had been enjoying the clear air and bright sunshine at 28,000 feet as he cruised his giant Boeing 707 jet from New York City to Chicago. The view was excellent there, high above the Ohio farmland. Back in the cabin, 56 passengers were enjoying their lunch.

Photographs Object

The object, about 100 feet in diameter and almost translucent, appeared to be at an altitude of 105,000 to 110,000 feet, far above his jet.

A radar control center in the Toledo area radioed Capt. Petrie and requested that he pursue this object.

Petrie radioed back that he couldn't do that because it would mean deviating from his flight plan. But he offered to do the next best thing. He borrowed the cameras of three passengers and clicked

away from his 28,000 foot vantage point in the sky.

Well, sir, it was pretty exciting up there for a while, what with Capt. Petrie swinging the jet from side to side so that all the passengers could glimpse the gleaming, mysterious sphere.

Was it a flying saucer? They asked the stewardesses. Could it be something from outer space? Was it apt to start shooting?

A determined Capt. Petrie kept hanging away with his borrowed cameras, then continued on toward Chicago, radioing the sighting of the unidentified object to his line's office at O'Hare International airport.

When Petrie rolled the jet to a halt outside the terminal, he was greeted by airline officials and representatives of the air force.

Air Force Gets Film

The passengers went on their way and Capt. Petrie turned the film over to Maj. Harvey W. McDaniel. Some experts said they thought the object might have been a weather observation balloon, released from a Detroit airport.

Maj. McDaniel packed the film into a plane and sent it on its way to 33d air division headquarters at Truax Field, Madison, Wis. Experts there presumably will be able to tell Capt. Petrie what he and his passengers saw high above Ohio.

Aerospace Research Called Key to Future

Lockheed's Gross Tells Bankers Meeting
of Tremendous Strides Made in 15 Years

BY HAROLD WALSH, Times Financial Editor

Under the prime force of aerospace research there has never been a period in world history when a nation has brought forth as many new and different products as have emerged from America's laboratories in the past 15 years, Lockheed Aircraft Corp.'s board chairman Robert E. Gross, declared yesterday.

The vast "non-military fall-out" of industrial and commercial products to improve daily living has resulted from defense spending, he told some 1,600 delegates at the opening-day session of the national convention of the Assn. for Bank Audit, Control and Operations at the Statler Hilton.

Two Main Factors

Microminiaturization and increased reliability were singled out by Gross as the most important benefits to industrial and commercial products coming out of current defense spending and space exploration.

He said we're building things so small that "a speck of dust can jam up the whole works and a sneeze can ruin a whole day's output."

Now on the market or under development, he enumerated such products as invisible hearing aids, electric watches with match-head sized batteries, tiny bearings for surgical instruments and radio pills that, when swal-

lowed, can broadcast information about bodily processes.

Gross identified two broad categories of space programs—military and nonmilitary—and declared that definite patterns for the development of both are now emerging.

Real Progress

"There seems to be emerging a rational and logical space planning and accomplishment phase," he said. "It begins to look as though we really know where we're going. We have defined objectives and are making real progress."

He reviewed the progress in our second generation of military and non-military satellites and declared that space exploration is building "a second renaissance of learning and enthusiasm as well as a new, invigorating climate of the mind." "This," he added, "may open the door to ultimate world peace. Already we are seeing signs of the kind of international co-operation it imposes."

WALL ST. JOURNAL, 18 October '60

An Air Force scientist called a 3,000-mile flight last week by three mines aboard an Atlas missile "highly successful." The scientist, Dr. Hans Clamann, said man probably could have survived the flight, which carried 700 miles into space and penetrated the Van Allen radiation belt ringing the earth.

AVIATION DAILY
17 October 1960 (18)

AE PREPARES QF-104 PROGRAM FOR TESTS

Air Force crews are winding up training to begin flight testing of the Lockheed F-104 as a pilotless aircraft. The program is slated to get underway in November at Eglin AFB, Fla. Two dozen F-104s are to fly missions at more than mach 2 under remote control by ground or airborne operators. Flight tests of prototype QF-104 are being conducted at Lockheed's Palmdale, Calif., flight test center. Sperry Phoenix Co. has developed the drone stabilization and control system which enables the jet to takeoff under remote control, fly exacting missions and land.

FAULTY/IMBILICAL SEPARATION CAUSED SAMOS 1 FAILURE