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30 Oct 52

Lt Flues/ATIAA-5/51183/jos

In reply refer to
AFOIN-ATIAA-5

SUBJECT: Letter of Appreciation

OCT 23

TO: Commanding Officer
Patrick Air Force Base
Cocoa, Florida

ATIAA BRANCH FILE

1. The Air Technical Intelligence Center wishes to express its appreciation for the thorough manner in which your organization investigated the unidentified flying object report (Flyobrpt) of 18 Jul 52.

2. This report is an exemplary modal, particularly with regard to the quantity and quality of background data which it contains, such as adiabatic charts and balloon release schedules. The Air Technical Intelligence Center, having conducted many such investigations, is cognizant of the difficulties often encountered in attempting to ferret out such information. However, scientific analysis of such reports clearly requires that this data be available, and, fortunately, your organization is evidently well aware of that fact.

3. To your organization and particularly to those individuals directly concerned with the preparation of this report, the Air Technical Intelligence Center again wishes to express its thanks.

cc: CO, ARDC

W. M. GARLAND
Brigadier General, USAF
Commanding

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HEADQUARTERS
AIR FORCE MISSILE TEST CENTER
PATRICK AIR FORCE BASE
COCOA, FLORIDA

22 July 1952

MTGEV

SUBJECT: Unidentified Aerial Objects

TO: Commanding Officer
Air Intelligence Center
Wright-Patterson Air Force Base
Dayton, Ohio

1. Reference is made to TWX MTGEV-7 1149 dated 19 July, concerning reported unidentified aerial objects observed at Patrick Air Force Base, Florida, at 2200 hours EST 18 July 52.

2. Submitted herewith are personal descriptions prepared by each man observing the objects and a complete report of weather conditions at that time.

FOR THE COMMANDING GENERAL:

Robert K Faust, Capt
for BRADFORD A. EVANS
Lt. Colonel, USAF
Assistant Executive to the
Commanding General

2 Incls:
1. Pers Descript.
2. Weather Rpt.

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[redacted]

AF-BAFB-6A-10 AUG 51-20,000

4TH WEATHER GROUP DETACHMENT 4-11
Patrick Air Force Base
Florida

UNCLASSIFIED

000.93 21 July 1952

SUBJECT: Weather Conditions at Patrick AFB on Night of 18 July 1952

TO: Commanding General
Air Force Missile Test Center
Patrick Air Force Base, Florida
ATTN: Lt Colonel Bradford Evans

1. The following is a summary of surface weather conditions at Patrick Air Force Base, Florida from 2030EST through 2400EST of 18 July 1952:

TIME	SKY CONDITIONS	VISIBILITY	PRESSURE (MBS)	TEMP °C	DEW POINT °C	WIND	RELATIVE HUMIDITY
2030E	1/10 Cu 2500 ft.	10 mi.	1023.0	85	76	E 10K	75%
2130E	1/10 Cu 2500	10 mi.	1023.0	85	77	E 10K	76%
2230E	Clear	10 mi.	1024.0	85	76	E 12K	76%
2330E	Clear	10 mi.	1024.0	83	75	E 12K	76%
0030E	Clear	10 mi.	1024.0	83	74	RSE 11K	75%

2. Inclosure No. 1 is the plotted radiosonde observation made at 2200EST on 18 July 1952 from the Rawinsonde building located approximately two miles south of the Base Operations Hangar, Building No. 800. It should be noted that temperature inversion existed, the top being at 850 millibars or 5,310 feet above the surface. A second near inversion existed with the top being at approximately 518 millibars or 19,000 feet.

3. The winds aloft obtained simultaneously with the 2200E 18 July 1952 raob is Inclosure No. 2. The wind direction and intensity are given as directions from which the wind is blowing.

4. For your further assistance Inclosure No. 3 is added giving the height of the balloon, the time the balloon was at that height, the horizontal distance of the balloon at that time from the point of release, the radar slant range and the azimuth angle reading of the balloon at that instant. For example, the balloon was at 5,385 feet at 2206EST and was 6,831 feet west northwest (293.8 degrees) of the point of release, the Rawinsonde building. It is reiterated here that the Rawinsonde building is approximately two miles south of the Base Operations Hangar, building No. 800. The observation terminated at 2306EST on 18 July 1952 at 69,636 feet altitude when the balloon burst.

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4th Wea Gp Det 4-11, subj:"Wea Cond at PAFB on Night of 18 Jul 52"

5. The balloon diameter upon release averages 10 feet. At bursting altitude of 69,636 feet it can be assumed to have a diameter of 35 feet. The train attached to the white balloon, designed to reflect light, consisted of a foil reflector target approximately 4 feet in diameter, a radiosonde transmitter, and a small six volt lamp.

Leonard A. Gamage

LEONARD A. GAMAGE
Major, USAF
Staff Weather Officer

3 Incls
1. Plotted Raob
2. Winds Aloft Data
3. Balloon Trajectory Data

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DECLASSIFIED

BALLOON TRAJECTORY DATA
2200EST 18 July 1952

Raob and Radar worked from same train.
Only 1 release was made.
Surface winds 12009
All height entries are in feet

Height(ft)	Time	Horizontal Distance Out (ft)	Slant Range(ft)	Azimuth Angle(Deg)
5385	2206	6831	8700	293.8
9516	2210	11595	15000	293.2
15036	2216	18321	23700	294.6
20415	2222	24384	31800	283.3
24930	2226	30378	39300	275.4
29976	2231	41259	51000	262.7
35307	2236	53979	64500	254.8
40566	2241	70803	81600	248.0
44688	2245	83607	94800	244.1
49974	2249	95742	108000	241.8
55527	2254	106380	120000	242.1
60387	2257	112974	128100	243.5
64347	2300	120384	136500	244.6
66492	2302	127392	143700	246.0

Radar Termination --Signal
Raob Termination -- 69636
Raob Termination -- 2306EST -- Termination Reason Bursting of Balloon
Ascent rate feet per minute 933

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Encl # 3

BALLOON TRAJECTORY DATA
2200EST 18 July 1952

Raob and Radar worked from same train.
Only 1 release was made.
Surface winds 12009
All height entries are in feet

Height(ft)	Time	Horizontal Distance Out (ft)	Slant Range(ft)	Azimuth Angle(Deg)
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Raob Termination -- 2306EST -- Termination Reason Bursting of Balloon
Ascent rate feet per mimute 933

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Encl # 3

WINDS ALOFT DATA

Height Feet	Degree	Knots	Height Feet	Degree	Knots
Surface	120	8	14000	110	12
1000	110	13	16000	100	13
2000	110	11	18000	60	13
3000	110	12	20000	60	14
4000	110	10	25000	60	18
5000	120	11	30000	80	27
6000	110	14	35000	60	34
7000	100	13	40000	70	31
8000	100	10	45000	60	34
9000	110	10	50000	60	23
10000	110	12	55000	60	25
12000	130	10	60000	70	24
			65000	70	30

UPPER AIR SOUNDING
2200EST 18 July 1952

(For plotted sounding see inclosure No.1)

RSUS COF 190300Z
COF 03 02327 24114 01208 00068 25223 01111 85531 20511 01212 70070
08563 01114 50948 59996 00611 40505 69998 00618 55555 11952 21204
22870 17133 33824 19525 44560 56684 55546 56724 66518 57992

COF53 30184 85993 00724 20068 06997 00732 15652 16993 00633 10443
20996 00625 05836 08992 55555 77375 72854 88342 78844 66666 09521
08817 10158

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Inc. #2

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[redacted]

Patrick Air Force Base, Florida
21 July, 1952

MEMORANDUM TO LT COL EVANS:

In compliance with your verbal request following is an account of my observation of the incident at Patrick AFB on Friday evening, 18 July 1952.

At approximately 2130, I, together with Mr. A. R. Lazenby and Mr E. W. Taylor, both employees of Base Supply, was waiting in a staff car in the parking lot beside the Provost Marshal's office while the driver, Ann Cornelius, was getting the trip ticket signed by the OD. Mr Lazenby first noticed a peculiar light in the sky to the South of the Base. From that time until we passed through the South Gate approximately 15 minutes later, we watched this light and speculated as to what it might be. It was not a "sharp" light like a bare bulb but more like a light shining through frosted glass. It appeared 3 or 4 times the size of a large star. No shape of any kind was discernable. It had a slightly orange or reddish color. It appeared to blink but with no regularity whatever. It wasn't as though the light was being turned off and on but like it was passing behind something. It appeared to be about 2 miles SSW of the Base at 5 to 6 thousand feet approximately over the Banana River. It was proceeding very slowly and erractically NNE in a level path over the river. It seemed to move for 2 or 3 minutes and then stop for 30 seconds to a minute before proceeding. I would estimate that at no time was it traveling at more than 40 MPH. It was approximately west of the center of the Base when we left the South Gate and it faded from view as we proceeded south down A1A.

Fred England

FRED ENGLAND
Adjutant General's Office

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DOD DIR [redacted] YEARS.

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20 JUNE 1952

SUBJECT: PHENOMENA SIGHTED OVER PATRICK AEB, FLORIDA

TO: WHOM IT MAY CONCERN

AT APPROXIMATELY 2145 ON THE NIGHT OF 18 JULY, 1952 WHILE STANDING IN BASE OPERATIONS, A MAINTANCE CREW WALKED IN AND SAID THAT THERE WAS A STRANGE LIGHT MOVING NORTH OVER THE FEILD. THE MAINTANCE CREW, AIRDROME OFFICER, OPERATIONS DISPATCHER AND MYSELF WALKED OUTSIDE TO SEE THE LIGHT. IT WAS STANDING STATIONARY AT THE TIME WEST OF THE FEILD AT AN ANGLE OF APPROXIMATELY FIFTY DEGREES ABOVE THE HORIZON AND LOOKED TO BE ABOUT THE SIZE OF A STAR COLORED AMBER-RED. THE LIGHT BEGIN TO MOVE SLOWLY NORTH AND THEN SOUTH WITH NO APPARENT TURNS. THINKING THAT THE LIGHT MIGHT HAVE BEEN A WEATHER BALLON, I WENT INSIDE AND CALLED BASE WEATHER TO SEE IF THEY HAD RELEASED A BALLON. WEATHER ADVISED THAT A BALLON HAD BEEN RELEASED ABOUT TWENTY FIVE MINUTES BEFORE AND THAT IT WAS AT AN ALTITUDE OF 7,800 FEET. I WENT BACK OUTSIDE SATISFIED THAT THE LIGHT WAS A WEATHER BALLON. WHEN I ARRIVED OUTSIDE ANOTHER LIGHT HAD BEEN SIGHTED MOVING FROM EAST TO WEST DIRECTLY OVERHEADAT A CONSIDERABLY HIGH SPEED. AFTER WATCHING IT UNTIL AT AN ANGLE OF ABOUT THIRTY DEGREES ABOVE THE WEST HORIZON THE THIRD LIGHT WAS SPOTTED ON APPROXIMATELY THE SAME PATH AS THE SECOND, MOVING FROM EAST TO WEST.

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THE THIRD LIGHT DISAPPEARED FROM SIGHT AT ABOUT THIRTY DEGREES ABOVE THE WEST ORIZON. AT THIS TIME WEATHER WAS ADVISED TO TRY TO PICK IT UP ON RADAR. BOTH WEATHER AND RAWINSONDE TRIED TO FIND THE LIGHTS ON RADAR WITH NO SUCCESS. IN THE MEAN TIME A FOURTH LIGHT HAD BEEN SIGHTED MOVING FROM WEST TO EAST WHICH I DID NOT SEE. IT WAS SAID TO HAVE MOVED EAST UNTIL ALMOST DIRECTLY OVER HEAD AND THEN MADE A WIDE TURN TO THE LEFT AND MOVE BACK WEST. THE LAST LIGHT SPOTTED TO MY KNOWLEDGE WAS MOVING FROM THE SOUTH TO NORTH SLIGHTLY WEST OF THE FEILD. IT WOULD BE BEYON MY POWE TO ESTIMATE THE ALTITUDE OF THE LIGHTS AS THERE WAS NO OUTLINE AT ALL. AT APPROXIMATELY 2230 THE CONTROL TOWER CALLED ORLANDO AIRPORT AND PINECASTLE AFB. TO SEE IF EITHER HAD AIRCRAFT IN THE PATRICK AFB AREA. BOTH STATIONS REPLIED NO.

William D. Desern

A/2C WILLIAM D. DESERN

AF 14 374 122

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20 Jul 52
Patrick AFB
Florida

On the night of the 18 of July, 1952 about 2145, S/Sgt Blackmon, T/Sgt Bishop and myself noticed a string of strange lights in the sky South of Hangar 800 and moving slowly North. The lights appeared to be going on and off at different intervials. We continued to observe the sight for about ten minutes and then proceeded to inform the A.O. on duty and pointed the object out to him which by now had gained quite a bit of altitude and was due West of the hangar and had become stationary.

After a few seconds it again began to proceed North. All of a sudden it reversed its self, heading South, with no apparant turn!

At this time we noticed a bright light moving at high speed directly from the East towards the West. About 30 seconds later another was sighted and moving in the same direction and about the same rate of speed.

Approximately one minute later a fourth light was sighted from the West and moving East at a higher rate of speed than the rest. It proceeded East until it reached the field and then made a 180° turn over the hangar and proceeded West where it came from and disappeared.

At no time during the phenomenon was there any sign of sound and at no time did the lights change color, staying amber all the time.

A/3C Harold A. Heickelbech
AF 14426414

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S/Sgt Howard C. Blackmon
6550th Air Supp. Sq.
Patrick AFB, Fla.

July 18th 1952 about 22:00 hour I was at Hangar 800 when I saw a light in the South moving very slow. Looked like a weather balloon only it was moving North and the wind was out of the East. While watching this light there were two or three more lights appeared in the West. These lights were much brighter than star, they were also white and study and moving about six or seven hundred miles pr. hour. I could not judge the alt. but I would thank that they were low enough to be heared if they had been jets. Two of these lights moved over the Hangar headed East, in a few minutes two came back from the East about three mimutes later only one light came out of the West and made a 180° over the hangar and headed back West. It was much lower than the others, but I heared no noise.

S/Sgt H. C. Blackmon

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On the night of 18 Aug 1952 while returning from the coffee shop at approx 2145 hrs I saw what appeared to be a string of 4 or 5 closely spaced white lights in the vertical position south and a little west of the field. When I reached hangar 800 the lights were still visible moving slowly in a northerly direction and gaining altitude. When reaching a position approx. 280° from hangar it appeared to be a single white light standing still in the sky, then started traveling back south slowly. I paid no more attention to this particular light as two more white lights appeared over the hangar out of the east traveling west at about 30 second intervals at a great rate of speed and immediately disappeared into the west. Approx 3 or 4 minutes later another white light appeared approaching from the west and made an 180° turn over the field at a great rate of speed and disappeared again into the west.

I could see no shape or outline of these lights or could I hear any engine noise.

The weather at this time was clear and visibility very good.

T/Sgt Robert L. Bishop
AF 38607419

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To whom it may concern: On July 18, from the hours 1600 to 2400, I, Airman Second Class Reilly, Jack W., was a witness to the flying objects which appeared between the hours of 2220 to 2245. The crew members called my attention to the objects that were in the sky. The first object that I saw appeared to me as a star. The object was at a standstill. As I watched the object seemed to move toward the north at a very low rate of speed. During this movement, the object changed its course and headed south still at a very low rate of speed. My attention was attracted almost immediately as the first object started south by the second object coming out of the east. This object appeared to me as a larger object than the first. It s color was of an amber color and traveling at a high rate of speed. I followed the object until it went out of sight in the west. Immediately after that, a third object appeared from the same direction as the second one did, heading west at the same rate of speed. The first three objects appeared to me to be at an altitude of six to seven thousand feet high. The way I estimate the altitude of the objects was that I was told by the weather station that they had released a balloon at approximately 2150 and that the balloon was at approximately 7400' at the time the second object appeared. As the third object disappeared in the west, it was approximately from 10 to 15 seconds before the fourth object appeared out of the west heading due east. As I watched the object, it came right over the base, did a 180° turn and went back to the west. All the mentioned objects were the same color and traveling at the same rate of speed. I would say the speed of these objects was from 600 to 900 mph. Why I say this is because at 2320, I saw a commercial airplane traveling on airways amber seven. This airplane was headed south at approximately 200 to 300 mph and the objects were flying 2 to 3 times faster. The lights on the airplane were in no comparison in size or color of the objects I witnessed. During the time the objects were flying the PAFB area, I asked the weather station to try to pickup the objects on their radar scope in which they did not have any success. There were no sounds of any kind coming from the objects.

I solemnly swear that this statement is true.

Jack W. Reilly, A/2C
6550 Air Support Group
Patrick Air Force Base, Fla.

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19 July 52

On the 18th of July 1952 I was on duty as Airdrome Officer of Patrick AFB.

At about 2220 hours, four men who were working on an aircraft in Hangar 800, came into the Base operations office where I was in company with the aircraft dispatcher A/2C Riley, and an airman who was working in the control tower, also an air policeman, and two transient officers.

The four men reported they had sighted a strange looking light traveling across the sky, and wanted us to look at it. We all went outside and they pointed out the light which was about the size of a star and amber red in color. It was about 45° above the horizon and west of the airbase. It was not moving in any direction, but about a minute later began to very slowly move north, stopp and then moved south, still slowly. While observing this light, another similar light was sighted about 20° below the first and moving north at a fast speed.

The first light had moved about 15° to the south when a third similar light was seen over the airfield and heading in a westerly direction at a high speed. Before it had faded out, a fourth light was seen over the airfield and traveling the same path as number 3. It faded out to the west. Meantime lights one, two and three had disappeared. About a minute later a fifth light was seen coming from the west headed east and traveling fast, as it came directly over the airfield, it made a steady and gradual 180° turn to the north and then west and continued heading west until it faded out. The whole sighting lasted only 10 or 15 seconds.

While looking at the lights, one of the men called the weather station and they reported having sent up one radiosonde balloon about 25 minutes earlier, which could have accounted for the one slow moving light but not the others. They were asked it they had sighted any objects on their radar, but they reported in the negative.

About five minutes after the first sighting, A/2C Riley received a telephone call from the newspaper in Melbourne, Florida, asking if we had any aircraft flying as they had received reports.of strange lights being sighting.

The lights did not appear to me as having been those carried by any conventional aircraft, as the lights were single, round in shape and appeared the same at all angles sighted.

At about 2320 an aircraft lights were sighted flying south about 10 miles west of the airfield. These lights were much smaller than the preceding lights and could be distinctly seen flashing on and off and the colors noted. It was traveling at about half the speed of the previous lights, and did not resemble them in any way. When this aircraft was southwest of the airfield, a light flashed on for about 3 seconds which was just above the aircraft, but much larger than the aircraft lights and was amber-red. When it went off, no more lights were seen other than the

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aircraft lights, and no more were seen or reported that night.

Pinecastle AFB at Orlando, Florida, was called to see if they had any aircraft flying and they reported no.

s/LeRoy T. Gunnels
LeRoy T. Gunnels
1st Lt, USAF
AO-2083567
6550th M&S Gp.
Phone 24-110

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2. ATIA
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JUL 1952 10 08

ACTION

1952 JUL 19 15:59

RA126
WPH117
VYD148
VDC144
JESPT 29
TO
PP/RR JEDWP JEPYB 222
DE JESPT 88
P/R 1918 8Z
FM CG AFMTC PATRICK AFB FLA
TO JEDWP/CO AIR INTELLIGENCE CENTER WRIGHT-PATTERSON AFB OHIO
INFO JEPYB/CG ARDC BALTO MD

/[redacted]/ MTGEV-7-1149 AT 2200 HOURS EST 18 JULY 52 SEVEN AIRMEN OBSERVED BRIGHT FLYING OBJECTS FROM VARIOUS DIRECTIONS AND SPEEDS PD FOUR SEPARATE OBJECTS SEEN VARYING IN SPEED FROM STANDSTILL TO EXTREMELY HIGH AT 6000 FOOT ALTITUDE AMBER RED IN COLOR AND NO PARTICULAR SHAPE PD NO NOISE HEARD PD ONE OBJECT FLYING VERY SLOWLY NORTH SUDDENLY REVERSED ITS DIRECTION TO SOUTH WITH NO APPARENT TURN PD ENTIRE PHENOMENA LASTED FOR FIVE TO SIX MINUTES PD OBSERVERS INCLUDED AIRDROME OFFICER CMA CONTROL TOWER OPERATOR AIRCRAFT DISPATCHER AND FOUR AIRCRAFT MAINTENANCE AIRMEN PD CAPTAIN R D BREWINGTON 23852A AND LT T R STEELE 3312 USCG ASSIGNED TO USAFIT AT YOUR FIELD ALSO OBSERVED OBJECTS BUT WERE NOT INTERROGATED PD PERSONAL DESCRIPTIONS NOW BEING PREPARED BY EACH AIRMAN AND WILL BE FORWARDED TO YOUR OFFICE 21 JULY COMPLETE WEATHER REPORT WILL BE INCLUDED PD LOCAL PUBLIC IS AWARE OF THE OBSERVED OBJECTS BUT NO CONFIRMATION HAS BEEN ISSUED FROM HERE PD ADVISE THIS OFFICE ON FURTHER ACTION END

19/1829Z JUL JESPT

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FURTHER ACTION END

19/1829Z JUL JESPT

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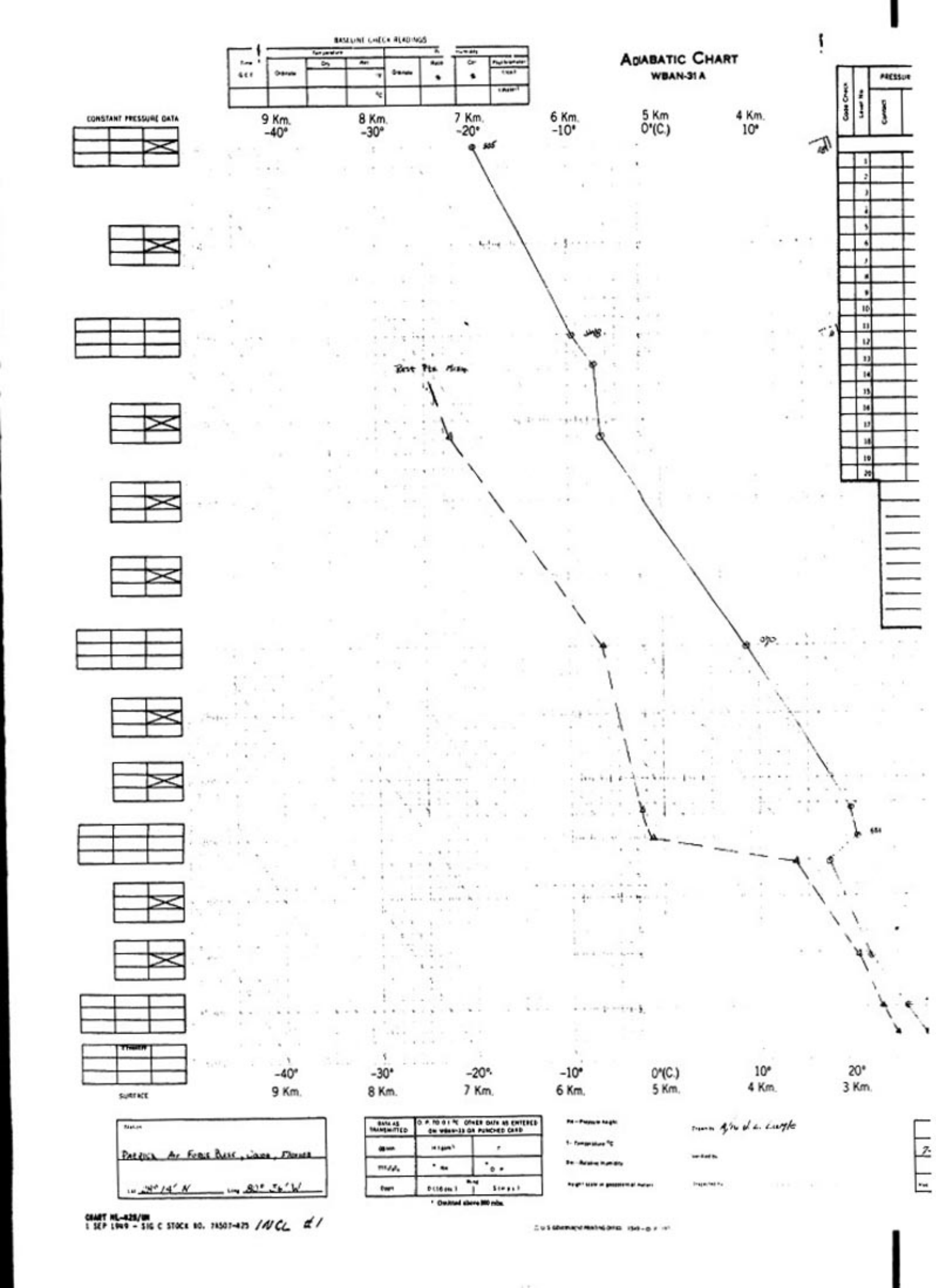
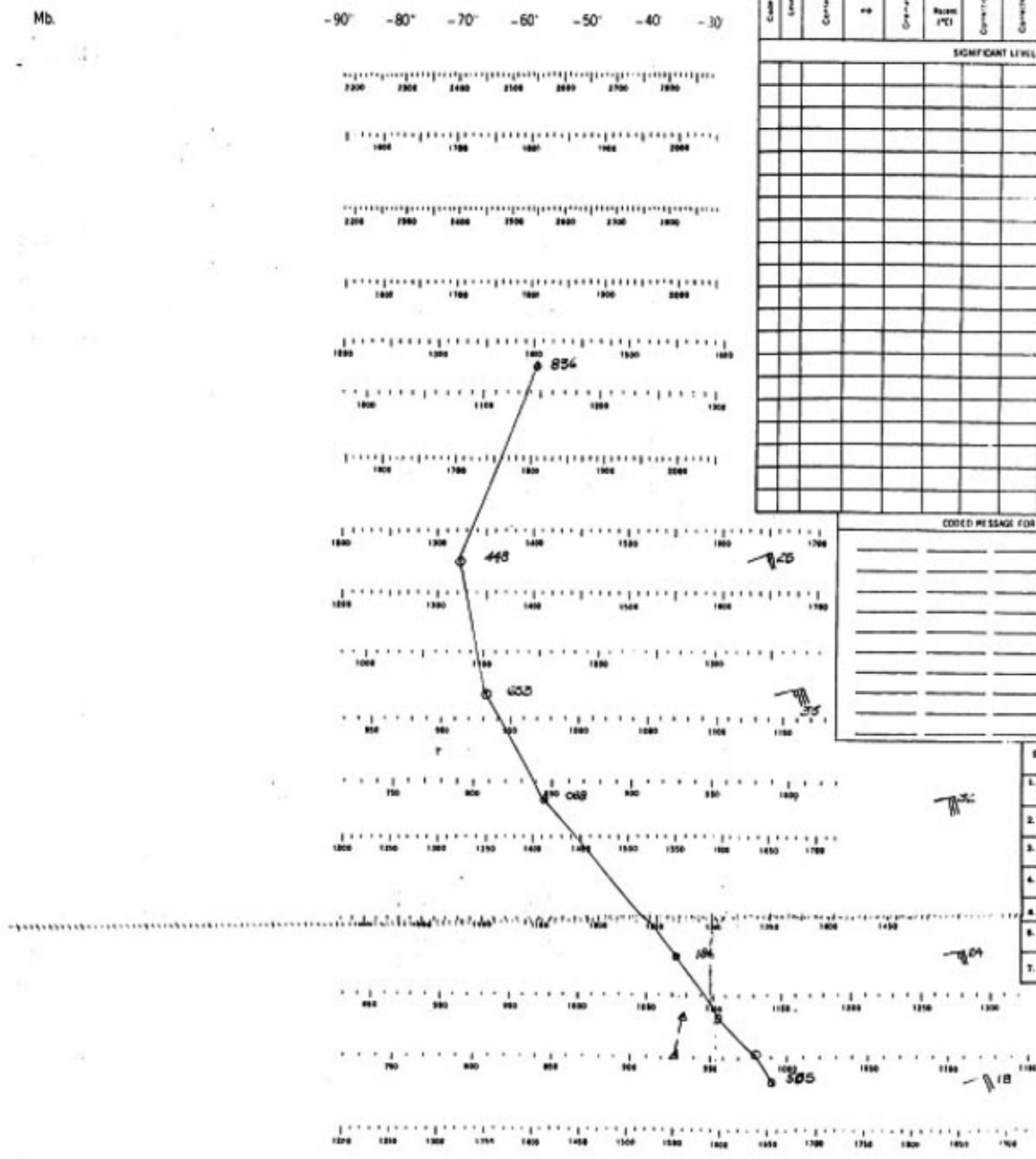

BASELINE CHECK READINGS
ADIABATIC CHART
WBAN-31 A
CONSTANT PRESSURE DATA
9 Km. -40°
8 Km. -30°
7 Km. -20°
6 Km. -10°
5 Km 0°(C.)
4 Km. 10°
PRESSURE
-40° 9 Km.
-30° 8 Km.
-20° 7 Km.
-10° 6 Km.
0°(C.) 5 Km.
10° 4 Km.
20° 3 Km.
SURFACE
Patrick Air Force Base, Cocoa, Florida
DATA AS TRANSMITTED
O. F. TO 0.1 °C OTHER DATA AS ENTERED ON WBAN-13 OR PUNCHED CARD
CHART NL-825/1M
1 SEP 1949 - SIG C STOCK NO. 7650?-825 /NCL

ADIABATIC CHART

WBAN-31B



DATA BLOCK

Case Check	Sheet No.	PRESSURE		TEMPERATURE				
		Century	mb	Observed	Recent (°C)	Correction	Corrected	Dewpoint
SIGNIFICANT LEVELS								

CODED MESSAGE FOR TRANSMISSION

SOLAR

1. Time
2. Corrections
3. Time
4. Difference
5. Elevation
6. Elevation
7. Azimuth

DATA AS TRANSMITTED	U. S. (°C) OTHER DATA AS ENTERED ON MOVING CODE OR PUNCHED CARD	
Altitude	h (geop.)	h
Temperature	°dew	°d.p.
Wind	dd	dd m.p.s.

*2m-sec above 100 mbs

Pr: Pressure height

T: Temperature °C

RH: Relative Humidity

Height scale in geopotential meters

Observer

Checked by

Inspected by

DATE AP

	Year
Month	
G.C.T.	
Radiosonde No.	

Station

Lat. Long.

CHART HL-426/UM
3 AUG 1951 — SIG C STOCK NO. 74507-426

REPLACES CHART HL-426/UM, 1 SEP 49, WHICH MAY BE USED

U.S. GOVERNMENT PRINTING OFFICE 1951 O 80621

WCL #1

RELATIVE HUMIDITY | ZERO POINT | REMARKS

Ordinary | In. during Correction

LEVELS

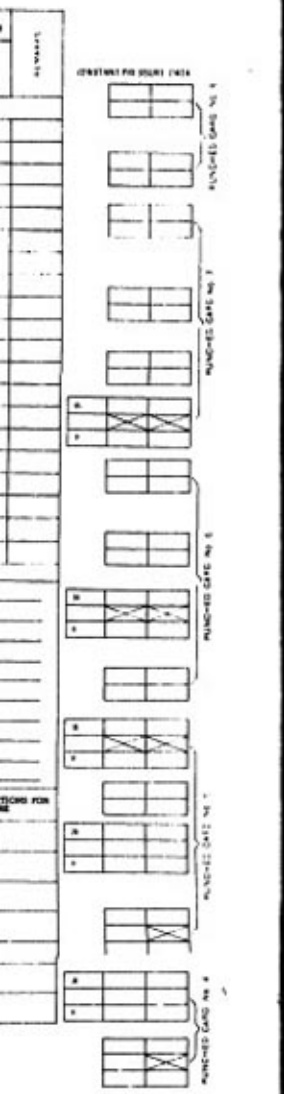
FOR TRANSMISSION

40° 50°
1 Km. M.S.L.

	Time	Date
	1952	3 Aug
	1952	3 Aug

Remarks No.

STOCK NO. 2698-M31-636-510



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PROJECT 10073 WORKSHEET

I. GENERAL

1. DATE	2. LOCATION	3. TIME Local: _____ Zebra: _____

4. WAS OBJECT OBSERVED FROM THE GROUND?	☒ Yes ☒ Naked Eye ☐ Binoculars ☐ Telescope ☐ Theodolite	☐ No
5. WAS OBJECT OBSERVED BY GROUND RADAR?	☐ Yes ☐ By One Set ☐ By Two Sets ☐ By Three Sets	☒ No
6. WAS OBJECT OBSERVED FROM THE AIR?	☐ Yes __ A/C Observed Object ☐ Interception Attempted ☐ No Intercept Attempted	☒ No
7. WERE AIRCRAFT SCRAMBLED TO INTERCEPT?	☐ Yes __ A/C Scrambled ☐ Visual Contact Made ☐ A/I Contact Made ☐ No Contact Made	☒ No
8. DID OBJECT CHANGE DIRECTION AT ANY TIME?	☒ Yes ☐ Normal ☐ Violent	☐ No
9. IF OBJECT WAS A "LIGHT", WAS IT:	☐ Blinking ☒ Steady	
10. LENGTH OF TIME IN SIGHT:	☐ 1-15 Seconds ☐ 1-5 Minutes ☒ Over 10 Minutes	
11. REPORTING AGENCY (Unit Number and Mailing Address)		

II. ASTRONOMICAL DATA

12. WHAT ASTRONOMICAL ACTIVITY WAS NOTED?		
13. DID OBJECT APPEAR TO ARCH DOWNWARD?	☐ Yes	☒ No
14. DID OBJECT HAVE A TAIL?	☐ Yes	☒ No
15. DID OBJECT APPEAR TO DISINTEGRATE?	☐ Yes	☒ No
16. TIME OF SIGHTING RELATIVE TO SUNRISE OR SUNSET (Data From Air Almanac) ☒ Night ☐ Day ☐ Sunrise ☐ Sunset		

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

III. AIRCRAFT DATA

17. WERE AIRCRAFT NOTED IN AREA?	☐ Yes ☐ One Aircraft ☐ More Than One Aircraft	☒ No
18. WAS ANY SOUND HEARD?	☐ Yes	☒ No
19. WERE THERE INDICATIONS OF HIGH BACKGROUND NOISE?	☐ Yes	☒ No
20. WAS THE OBJECT VIEWED ABOVE 45° ELEVATION?	☒ Yes	☐ No

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IV. BALLOON DATA

21. WERE BALLOONS RELEASED IN AREA? ☑ Yes ☐ No

22. TIME SINCE SCHEDULED BALLOON RELEASE: 15 Minutes

23. POSSIBLE BALLOON LAUNCH SITES DOWNWIND OF SIGHTING:

	Location	Type	Launching Agency	Lighted? Yes	Lighted? No	Describe Lighting
a.	/	Navion				
b.						
c.						
d.						

(attach overlay)

V. EVALUATION

21. EVALUATION OF SOURCE:

- ☑ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor
- ☐ Unreliable
- ☐ Extremely Doubtful
- ☐ Hoax

22. DETAILS OF REPORT:

- ☐ Good
- ☐ Fair
- ☑ Poor
- ☐ Insufficient to Evaluate

23. FINAL EVALUATION:

- ☐ Was Balloon
- ☐ Probably Balloon
- ☐ Possibly Balloon
- ☐ Was Aircraft
- ☐ Probably Aircraft
- ☐ Possibly Aircraft
- ☐ Was Astronomical
- ☐ Probably Astronomical
- ☐ Possibly Astronomical
- ☐ Other: _____
- ☐ Insufficient Data For Evaluation
- ☑ Unknown

24. COMMENTS:

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OJECT 10073 WEATHER DATA SHEET

1. DATE OF OBSERVATION	2. TIME OF OBSERVATION	3. STATION OBSERVING

4. WINDS ALOFT:

ALTITUDE (feet)	VELOCITY (knots)	DIRECTION (degrees)	ALTITUDE (feet)	VELOCITY (knots)	DIRECTION (degrees)
0			25,000		
1,000			30,000		
2,000			35,000		
3,000			40,000		
4,000			45,000		
5,000			50,000		
6,000			55,000		
7,000			60,000		
8,000			65,000		
9,000			70,000		
10,000			75,000		
12,000			80,000		
14,000			85,000		
16,000			90,000		
18,000			95,000		
20,000			100,000		

5. WAS AN INVERSION LAYER NOTED? ☐ Yes ☐ No
(If yes, at what altitude? _____)

6. WERE ANY THUNDERSTORMS NOTED IN AREA? ☐ Yes ☐ No
(If yes, at what quadrant? _____)

7. CLOUD COVER:

_____ tenths at _____ feet. _____ tenths at _____ feet.
_____ tenths at _____ feet. _____ tenths at _____ feet.

8. VISIBILITY WAS _____ MILES.

9. COMMENTS:
Excellent

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UNCLASSIFIED

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