1. DATE - TIME GROUP 2 February 65 02/1610	2. LOCATION Richmond, Virginia Z-2110Z Virginia, Washington DC, Baltimore, Maryland
3. SOURCE Civilian and Military	BALLOON BALLOON
4. NUMBER OF OBJECTS One	
5. LENGTH OF OBSERVATION Hours	Round or cone shaped object observed by WX observer at Richmon Va through Theodolite and considered to be a balloon. Picked up on Radar. Viewed air visually near Baltimore and Washington DC. Color of object bright silver or aluminum. Also viewed over Wallops Island and many other ground locations. COMMENTS: Balloon launched from Page, Arizona. 6 X 106 cu ft. Package cut down in Arkansas. Balloon not destroyed and continue to fly out over Atlantic. Held an altitude of 145,000 ft. Winds at this height were 129 knots, from 270 deg. Used in cosmic ray research.
6. TYPE OF OBSERVATION Ground-Radar Ground & Air-Visual	
7. COURSE Easterly	
a. PHOTOS	
9. PHYSICAL EVIDENCE	

FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

NORTHWESTERN UNIVERSITY

Inter-Office Correspondence

DATE

To

FROM

DEPT.

DEPT.

SM. Jours Page - Origina
6 x10 cu for barbon
6 x10 l AM Feb 2

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down in arbanos

Balloon - all. all. sewel.

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FM 4500 ABW LANGLEY AFE VA

TO RUEAMQ MIQ USAF

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BI

UNICLAS DO 52393 FED 65. HQ USAF FOR SAFOIP PROJ BLUE BOOK

ATTH: MRS. SARAH HUNT. AFSC (FTD).

SUBJECT: INITIAL REPORT OF INVESTIGATION OF UPO 700MSENSUS OF INULTIPLE SIGHTIMES). REFERENCE: PARASCAPH 14, AFR 253-2004.

DESCRIPTION OF THE OBJECT MOL SHAPE: ROUND OR ITHEOMY MAL SIZE:

COMPARED WITH A QUARTER HELD IN THE HAND AT ABOUT AN ARM'S LENGTH FROM AIRCRAFT AT 50,000 FEET); (3) COLOR: BRIGHT SILVER OR ALUMINUM (4) NUMBER: ONEUM B. DESCRIPTION OF COURSE OF OBJECT: (1) ATTEM
TIOM FIRST CALLED: AIRBORNE OBSERVATION MAL ANGLE OR ELEVATION AND AZIMETH AT FIRST SIGHTIMES SECRETICS.

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--- " " TOTTO W AND DAITTHODE: 151 DEGREES RADIAL TROM PATUMENT RIVER

APPLIAND UDJECT REMAINED VISIBLE UNTIL SUMMOUNT, APPARENT POSITION MAG SVER MALLOPS ISLAND MAGA STATION AT AN UNDSTERMINED ANTITUDE ACCVORAGEMENTS; (4) THE VISIBLE: VARIED FROM 15 MENUTES TO 40 MINUTES; (5) PLIGHT PATH: CVER RICHMOND, VIRGINIA, AT 1635-1645E. (MR. FIELDS, RICHMOND MEATHER DUREAU); SOUTH AND EAST OF PATMENT RIVER AT 1745-1615E (AMG JET OUT OF BALTIMORE); OVER MALLOPS ISLAND MAGA AT 1705E-1802E (MAVY JETS OUT OF OCEANA MAG); C. MANMER OF OBSERVATION: (1) GROUND; VISUAL, AIR-VISUAL.

(2) OPTICAL AIDS: THEOTOLITE USED BY RICHMOND MEATHER; (3) AIR-BORNE SIGHTINGS: (A) TWO AIR MATIONAL THARD FSSH'S - MAXIMUM ALTITUDE 38,323 FEET - MARTIN AMG, BALTIMORE, MARYLAND; (B) TWO MAVY FOC'S. MAXIMUM ALTITUDE - 52,335 FEET, OCEANA MAG, MORFOLK, VIRGINIA; (1) THAT AND BATE OF SIGHTINGS: (A) 2135-2305 ZULU, 2 FEDRUARY 1965; (B) LIGHT CONDITION: DAV; (5) OBSERVER IDENTIFICATION: (A) MR. MARYLAND, AMG; (C) MAJOR WALTIMAN, MARYLAND AMG; (D) LT. J. G. KIRMARD, OCEANA MAG, VA; LT. J. G. SAPP, OCEANA (S) WEATHER; REPORTED CHEAR AND MULLIMITED VISIBILITY BY ALL

PAGE 3 RUEADN 25A UNCLAS

OBSERVERS. CONFIRMED BY LANGLEY AFB WEATHER DETACHMENT; (7) TAPED INTERVIEWS WITH PILOTS OF INTERCEPTOR AIRCRAFT ARE AVAILABLE.

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At 1040, 4 Feb 65, Mr Vincent Raleigh, Boulder, Colorado called regarding Balloon observation over Virginia.

Yesterday he had indicated that their balloon had gone down over Arkansas, this was in error. There is a 95% chance that the balloon observed belonged to them. The 6 million cubic foot balloon was launched from Page, Arizona on 1 Feb 65, 2300 MST floated to 140,000 feet. It was carrying a Cosmic Ray Experiment. At 1100 EST on 2 Feb 65 the package cut free from the balloon and landed by parachute three miles South of Lightsville, Arkansas. The balloon normally shatters or bursts after this. They believe it descended to 145,000 feet until sunset at which time it descended in the Atlantic ocean about two or four hours after sunset. Winds at 140,000 were 270 at 129 knots. This is only data available on wind.