

PROJECT 10073 RECORD CARD

1. DATE 6 Jul 61		2. LOCATION 7 mi SE of Manchester, Tenn.		12. CONCLUSIONS ☐ Was Balloon ☐ Probably Balloon ☐ Possibly Balloon ☐ Was Aircraft ☐ Probably Aircraft ☐ Possibly Aircraft ☐ Was Astronomical <i>METEOR</i> ☐ Probably Astronomical ☐ Possibly Astronomical ☐ Other _____ ☐ Insufficient Data for Evaluation ☐ Unknown	
3. DATE-TIME GROUP Local 0702 GMT 061302Z		4. TYPE OF OBSERVATION ☐ Ground-Visual ☐ Ground-Radar ☐ Air-Visual ☐ Air-Intercept Radar			
5. PHOTOS ☐ Yes ☒ No		6. SOURCE Civilian			
7. LENGTH OF OBSERVATION 2 sec		8. NUMBER OF OBJECTS 1		9. COURSE descending	
10. BRIEF SUMMARY OF SIGHTING When first sighted appeared as a line similar to an a/c condensation trail which faded for a fraction of a sec and then resumed and intensified until head-end glowed white to size of a pencil diameter before burning out. Trail length appeared to be approx ten times diameter of final white spot and followed a parabolic trajectory. Trail first of 20°. Initial sighting was at approx 35° elev and described a falling track to about 20° elev before disappearing.				11. COMMENTS There was no satellite reentry reported. Description is characteristic of a fairly rare phenomena called a daylight meteor. Majority of meteors that enter earth's atmosphere are so small that they cannot be seen during daytime. There are, however, a few meteors that are still fairly large when they enter earth's atmosphere and they can be seen leaving a trail similar to an a/c.	

CZCSQD221ZCVYA941

1961 JUL 12 05 40

MM RJEDSQ

ZNR ZDK

CZCBPA264

MM RJESKB RJEDSQ RJEZHQ RJWFAL

DE RJESBP 15

ZNR

M 111630Z

FM AEDC ARNOLD AF STN TENN

TO RJWFAL/ADC ENT AFB COLO

RJESKB/32ADIV DOBBINS AFB CA

RJEDSQ/FTD WPAFB OHIO

RJEZHQ/COFS USAF WASH DC

RJEZHQ/CSAF WASH DC

BT

UNCLAS FM AEY 7-11-1968. COFS FOR AFCIN. CSAF FOR SAFOI. "UFO"
FOLLOWING UFO INFORMATION SUBMITTED IAW PAR 15, AFR 200-2 CLN A.
UFO WHEN FIRST SIGHTED APPEARED AS A LINE SIMILAR TO AN AIRCRAFT
CONDENSATION TRAIL WHICH FADED FOR A FRACTION OF A SECOND AND THEN
RESUMED AND INTENSIFIED UNTIL HEAD-END GLOWED WHITE TO THE SIZE OF
A PENCIL DIAMETER BEFORE BURNING OUT. ONLY ONE WAS SIGHTED. TRAIL
LENGTH APPEARED TO BE APPROX TEN TIMES DIAMETER OF FINAL WHITE SPOT
AND FOLLOWED A PARABOLIC TRAJECTORY. NO SOUND WAS HEARD. B. OBSERVER.
ATTENTION WAS FIRST CALLED TO AFOREMENTIONED TRAIL. TRAIL WAS FIRST
OBSERVED ON 150 DEGREES MAGNETIC HEADING MOVING FROM LEFT TO

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LEFT OF OBSERVER THROUGH AN ARC OF 20 DEGREES. INTIAL SIGHTING WAS
AT APPROXIMATELY 35 DEGREES ELEVATION AND DESCRIBED A FALLING
TRACK TO ABOUT 120 DEGREES ELEVATION BEFORE DISAPPEARING. THE

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LEFT OF OBSERVER THROUGH AN ARC OF 20 DEGREES. INTIAL SIGHTING WAS AT APPROXIMATELY 35 DEGREES ELEVATION AND DESCRIBED A FALLING TRACK TO ABOUT 120 DEGREES ELEVATION BEFORE DISAPPEARING. THE SIGHTING WAS OBSERVED FOR ABOUT TWO SECONDS. C. SIGHTING WAS GROUND VISUAL FROM AUTOMOBILE TRAVELING ABOUT 65 MPH. D. SIGHTING OCCURRED 1302Z ON 6 JULY 1961 DURING DAYLIGHT. E. POSITION OF OBSERVER WAS 35 DEGREES 24 MIN N. AND 86 DEGREES 2 MINUTES W. OR 7 NAUTICAL MILES ON 150 DEGREE HEADING FROM MANCHESTER, TENN. FM OBSERVER WAS MR. [REDACTED], AGE 32, [REDACTED], MANCHESTER, TENN. PRESENT OCCUPATION US A ROCKET TEST ENGINEER, ARO, INC., AEDC. HE WAS A USAF JET FIGHTER PILOT FROM 1948 TO 1954. G. AT TIME OF SIGHTING WEATHER WAS CLEAR SKIES IN AREA OF SIGHTING. H. NONE. I. NONE. J. FLIGHT TRAFFIC NOT DETERMINED. RELEASED WEATHER BALLOONS IN AREA CONSIDERED REMOTE. K. REPORT SUBMITTED BY L/C CLEMENT K. MILLER, DCS/FOREIGN TECHNOLOGY, HEADQUARTERS, AEDC. OBSERVER IS RELIABLE ROCKET ENGINEER AND EXPERIENCED JET FIGHTER PILOT. OBSERVER THOROUGHLY FAMILIAR WITH CONTRAILS AND STATES WHAT HE SAW WAS NOT A CONTRAIL. NO REPORTS OF METEORITES HAVE BEEN MADE OR REPORTED IN LOCAL NEWSPAPER. APPARENT HIGH VELOCITY, GENERATION OF VISIBLE TRAIL AND INCREASING TERMINAL LIGHT INTENSITY ELIMINATES

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PROBABILITY OF WEATHER BALLOON. POST INDEPENDENCE DAY FIRING OF FIREWORKS IN VISUAL RANGE OF OBSERVER IMPOSSIBLE TO ASCERTAIN. DEDUCTION IS PHENOMENA CAUSED BY TERMINATION PHASE OF A ORBITAL OBJECT OF ATMOSPHERIC CAPTURE OF CELESTIAL BODY. L. NONE.

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