

PROJECT 10073 RECORD CARD

1. DATE 6 Jul 61	2. LOCATION 7 mi SE of Manchester, Tenn.	12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft <input type="checkbox"/> Was Astronomical <i>METEOR</i> <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical <input type="checkbox"/> Other _____ <input type="checkbox"/> Insufficient Data for Evaluation <input type="checkbox"/> Unknown
3. DATE-TIME GROUP Local 0702 GMT 061302Z	4. TYPE OF OBSERVATION <input type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar	
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.

020SQD221ZCVYA941

1961 JUL 12 05 40

NN RJEDSO

ZNR ZDK

020BPA264

NN RJESKB RJENSQ RJEZHQ RJWFAL

DE RJESDP 15

ZNR

N 111638Z

FM AEDC ARNOLD AF STN TENN

TO RJWFAL/ADC ENT AFB COLO

RJESKB/32ADIV BOBBINS AFB CA

RJEDSO/77E WPAFB OHIO

RJEZHQ/COFS USAF WASH DC

RJEZHQ/OSAF WASH DC

BT

UNCLAS FM AEY 7-11-1961. COFS FOR AFCIN. CSAF FOR SAFOI. "UFO"
 FOLLOWING UFO INFORMATION SUBMITTED IAW PAR 15, AFR 292-2 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 158 DEGREES MAGNETIC HEADING MOVING FROM LEFT TO

Handwritten notes:
 17E
 173
 174 x 2A
 175

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

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LEFT OF OBSERVER THROUGH AN ARC OF 20 DEGREES. INITIAL 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, ARQ, 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.

11/21/67 JUL RUESBP