

PROJECT 10073 RECORD

1. DATE - TIME GROUP 5 Jun 67 6/0310Z	2. LOCATION Roaring Springs, Texas
3. OFFICE Civilian	10. CONCLUSION OTHER (BALL LIGHTING) Very prob. 7/14
4. NUMBER OF OBJECTS 1	
5. LENGTH OF OBSERVATION 5-10 seconds	11. BRIEF SUMMARY AND ANALYSIS Observer stated that the object appeared shaped round like a ball of fire. Object was size of a volleyball. Color: bright light yellow-gradually diminishing to yellow, orange and red.
6. TYPE OF OBSERVATION Ground Visual	
7. COURSE N/A	
8. PHOTOS None	
9. PHYSICAL EVIDENCE Yes X No	

OTHER (BALL LIGHTNING)

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 3500TH PILOT TRAINING WING (ATC)
REESE AIR FORCE BASE, TEXAS 79401



REPLY TO
ATTN OF: DCO-OBO

14 June 1967

SUBJECT: UFO

5 June 67
6/03/67

TO: FTD (TDETR)
Wright-Patterson AFB, Ohio 45433

Roaring Springs, Texas

- A. (1) Round (ball of fire).
(2) Volleyball.
(3) Bright light yellow - gradually diminishing to yellow, orange, red.
(4) One.
(5) NA.
(6) None.
(7) One foot long at arms length.
(8) None - observer standing near moving train.
(9) None.
- B. (1) Flash of light (similar to lightning) illuminating area.
(2) 80° at 100°.
(3) 70° at 080°
(4) Straight line.
(5) Trailed off to ENE.
(6) 5 to 10 sec.
- C. (1) Ground - visual.
(2) NA.
(3) NA.
- D. (1) 0310Z 6 Jun 67.
(2) Night.
- E. 33° 54' N 100° 52' W.
- F. [REDACTED], Roaring Springs, Texas 79256;
[REDACTED], railroad workman.
- G. (1) Clear; starlight.
(2) Surface 120/10K
6M' - 180/15K
10M - 270/5K
16M - 300/10K
20M - 310/10K
30M - 280/30K
50M - 300/30K

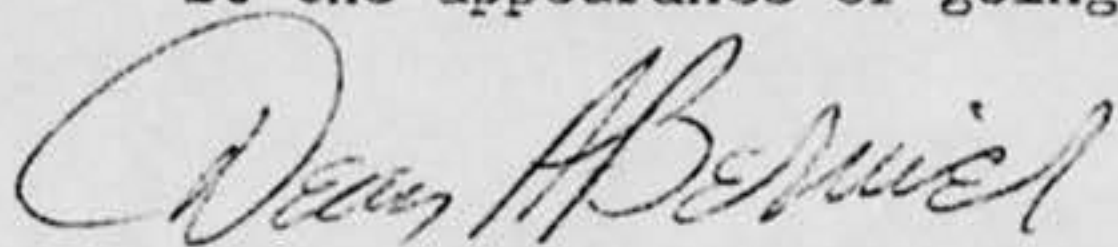
- (3) /0.
- (4) 15.
- (5) 120 0/0.
- (6) 92 NM NW of Lubbock.
- (7) Surface - +26°C
 - 6M - +21°C
 - 10M - +11°C
 - 16M - -2°C
 - 20M - -9°C
 - 30M - -33°C
 - 50M - -72°C

H. A phenomenon known as fireball type lightning. Associated with lightning bolts from thunderstorms when special conditions exist - Extreme downdraft activity. It follows the path of the lightning bolt. It bursts from the base of the cloud as a "ball of fire" and diminishes as its path formed by the lightning bolt dissipates.

I. None.

J. None.

K. Capt Dean A Bernier, FV3005370, Asst Flying Safety Officer. I have investigated the UFO report by Mr Dick Carpenter on 5 June 1967 in accordance with AFR 80-17 and 17A. A thorough check with the Sheriff's office, FAA and Dept of Public Safety produced no other sightings of this occurrence. I personally interviewed Mr Carpenter and he assured me he had seen bright meteors before and that this in no way resembled that type of thing. His narrative description indicated that what he saw was at high altitude and the manner in which it dissipated leaves me this one explanation: There were thunderstorms to the north and east of his location with tops at 50M and bases at 19M. Their movement to the ENE was over gradually descending landscape. The weather personnel explained that under these conditions tremendous downdrafts are established and a phenomenon known as "fireball" lightning sometimes occurs. It erupts from the base of the cloud in the wake of a cloud-to-ground lightning strike. The lightning would account for the area being illuminated and his reaction time to look up would enable him to catch the fireball stage. The altitude would make it appear closer than actuality and going straight down would give it the appearance of going away from him.



DEAN A BERNIER, Capt, USAF
Investigating Officer