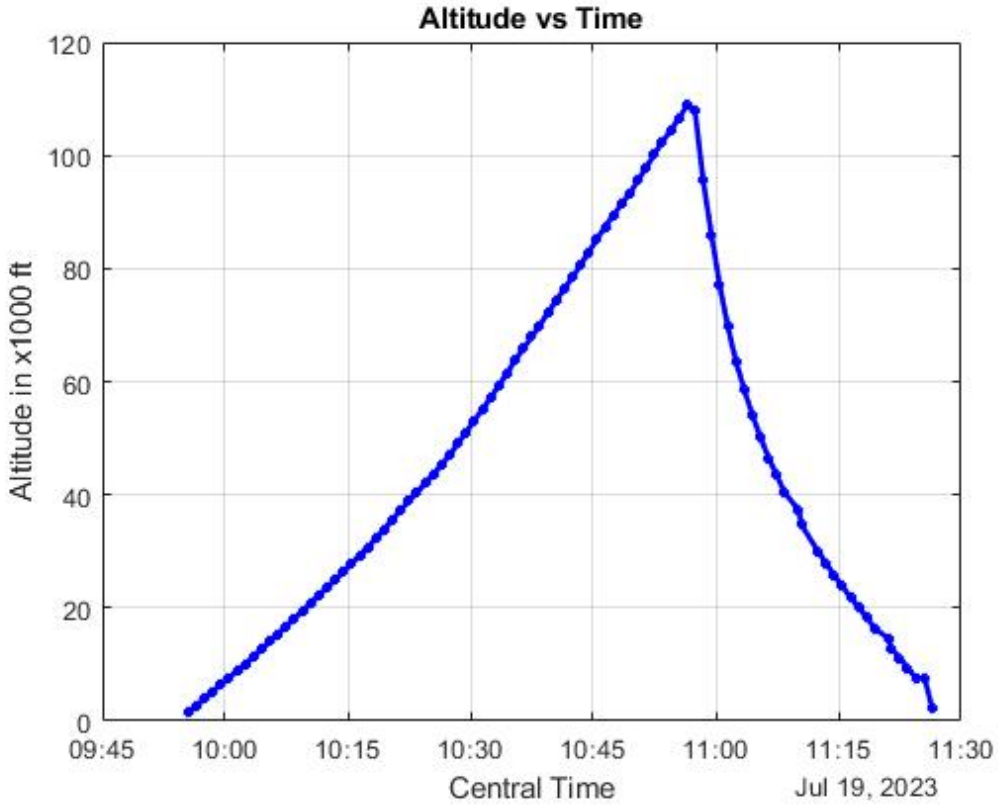
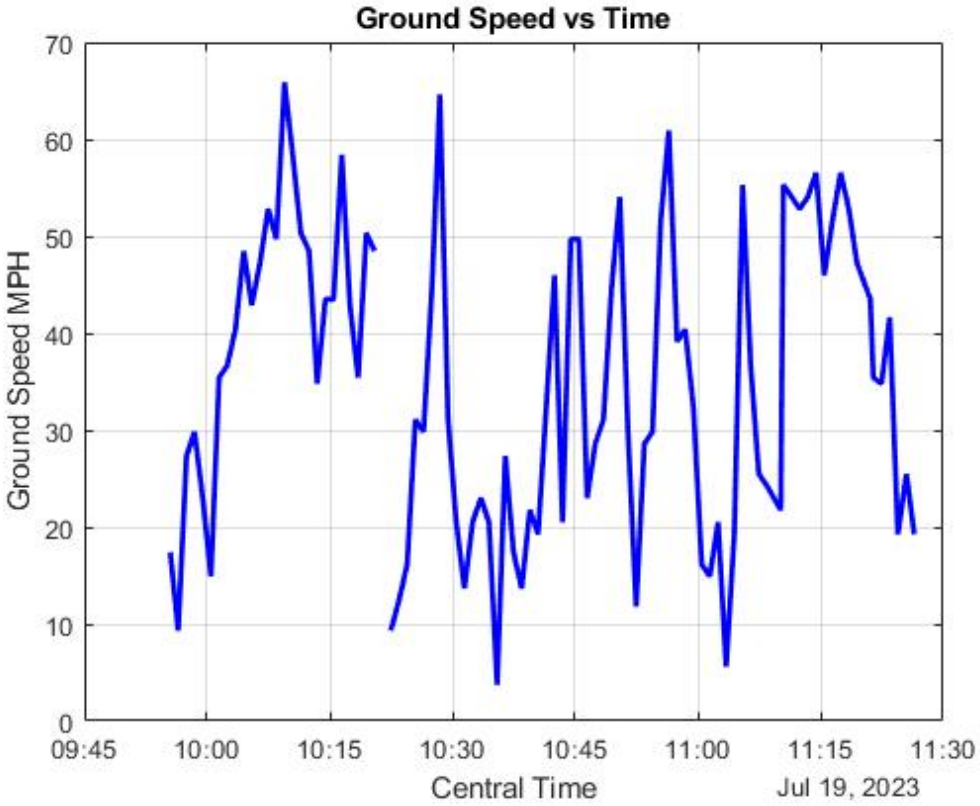
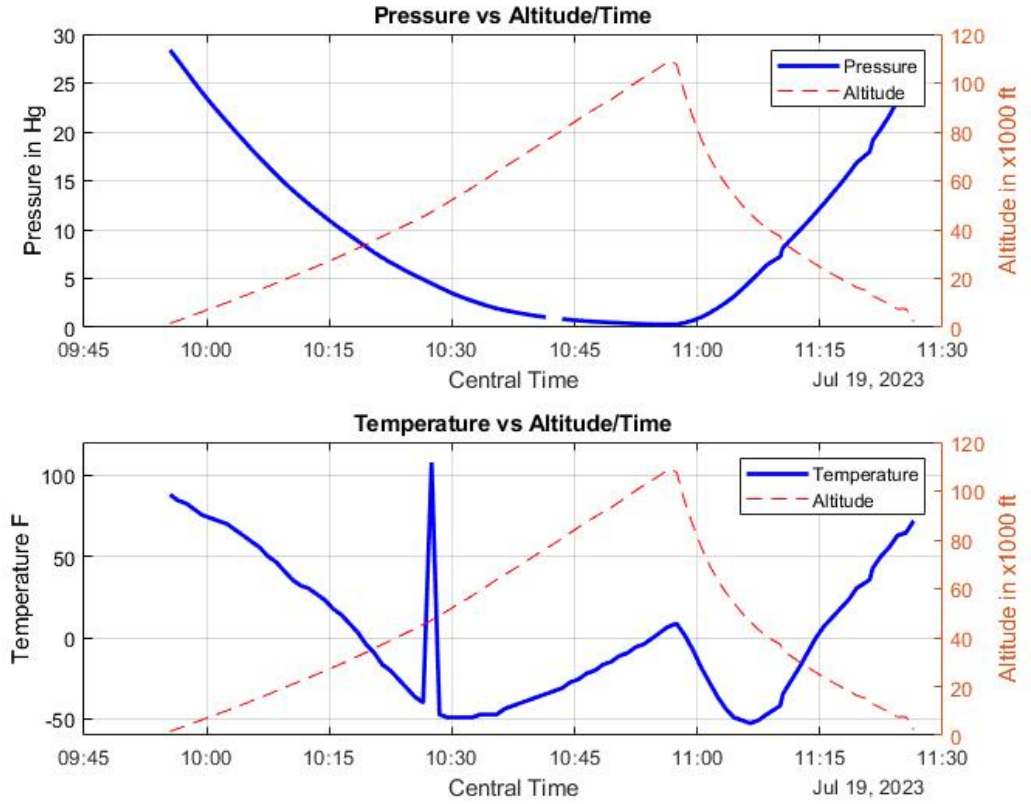


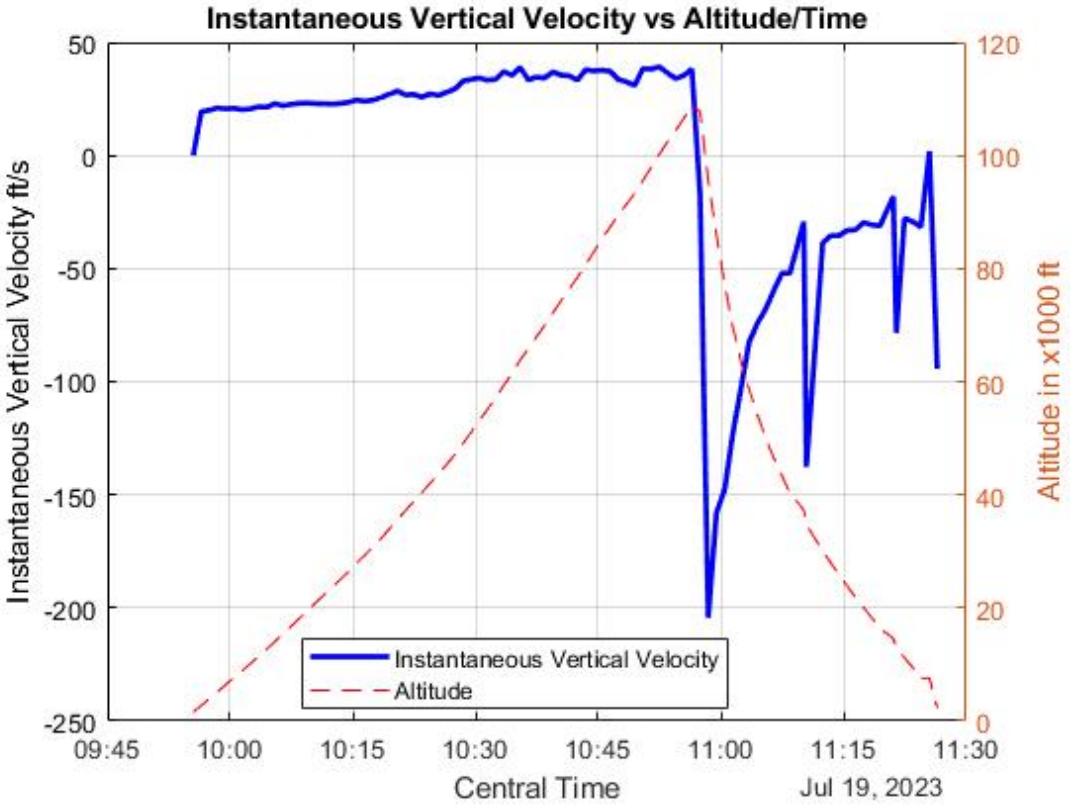
The sounding balloon rose to about 11,705 feet in the air, and then the balloon exploded in a controlled manner under pressure, the parachute deployed, and returned to the ground. The whole journey takes about 90 minutes.



The maximum ground speed of the sounding balloon reached about 77MPH, fluctuating with the wind speed.



As the sounding balloon rises, the air pressure continues to decrease. When the time came to about T+60 minutes, the sounding balloon achieved the lowest value, about 0 mmHg. At this time, the sounding balloon also rose to the highest point. The highest temperature achieved by the sounding balloon during the flight was about 110 degrees Fahrenheit, and the lowest temperature was about -50 degrees Fahrenheit. Interestingly, the lowest temperature did not occur at the highest point, nor did the highest temperature occur at the lowest point.



During the approximately 90-minute flight, the sounding balloon reached a maximum upward vertical velocity of approximately 40 feet per second, and a maximum downward vertical velocity of 205 feet per second after the balloon's controlled explosion.