

EXHIBIT 15 - ANALYSIS OF MISSILE FIRING POSITION #2

1. The ISLIP ASR 8 radar, located at the McArthur Airport on Long Island, recorded a high-speed surface radar contact only 2.9 nautical miles to the South South East of TWA FL800 when it first exploded.
2. This 30-knot contact continued at high-speed on a true heading of approximately 203° until it disappeared from radar, after TWA FL800 went down 3.5 miles behind her stern.
3. The 30-knot contact did not come within visual range of other recorded radar surface targets.
4. The FBI has not identified the 30-knot target.
5. The fire control solution for a Mach 3 anti-aircraft missile, fired from the 30-knot surface contact's position, to intercept TWA FL800 at its explosion point, is as follows:
 - Target bearing - 339° True
 - Range - 7,500 yards
 - Elevation - 37° Up
 - Time of Flight to intercept - 6.8 seconds
6. Witness Albert Gipe, a self employed Consultant, Engineer and Ex-Naval Officer, was transiting 25 nautical miles off shore aboard a sailboat in passage to Block Island. He was standing in the boat ladder well facing Long Island, attempting to place a cell phone call.
7. Mr. Gipe saw a streak of light like a "tracer bullet" rise from the surface going from South (seaward) to North (landward) on a 30° to 45° elevation, which terminated six seconds later in an explosion that was followed shortly thereafter by another explosion. Mr. Gipe immediately wrote down his position and what he observed.
8. Mr. Gipe was 17 nautical miles, or 34,000 yards, from TWA FL800 when it exploded. Because the witness's location was ahead of TWA FL800's course, with little angle off and because 1° degree of ARC is over 1,800 ft of sky on the horizon at a 17 nautical mile range, TWA FL800's apparent relative motion while in flight would appear almost stationary to Mr. Gipe.
9. Mr. Gipe's recorded observations fit precisely to a short-range successful surface to air engagement of TWA FL800 with a large anti-aircraft missile fired from the immediate vicinity of the 30-knot radar contact.