



Figure 5-123. Enlarged section of a long distance aerial shot of the north face of WTC 7 taken around 3:10 p.m. $\pm$ 5 min.

The contrast has been enhanced and the intensity levels adjusted. Floor numbers have been added.

Flames were also visible from at least the two windows on the east face adjacent to the northeast corner, indicating that the flames had engulfed the small unburned island in this corner of the floor. On the west side the flames had moved beyond Column 46. This was the first substantial apparent fire spread in this direction since fire first appeared on the face shortly before 3:00 p.m. (See Figure 5-119.)

The fires on the north side of the 12th floor were extensive, covering a length running approximately from window 12-41A to 12-46C, and intense. Close inspection of Figure 5-123 shows that the fire in the vicinity of windows 12-44C to 12-44E had begun to die down. This area is close to where the fires first appeared just before 3:00 p.m., indicating that, for this location, the period of intense burning lasted for roughly 15 min.

Figure 5-124 provides a view of the north face of WTC 7 taken from the northwest at 3:10:46 p.m. It shows an example of the shadow and sunlight distributions on the roof of the building at 70 Murray Street (the stepped white building at the lower left of the photograph) used for timing the aerial photographs described earlier. Flames are visible on the 7th and 12th floors of the north face of WTC 7. Light smoke or dust is visible on the north side of the building. Heavy smoke is also visible rising from the east face, indicating that fires were burning near by or that the effluent from more distant fires was being vented through the face.

A much closer view of the fires visible on the north face in Figure 5-124 is provided by the photograph reproduced in Figure 5-125, which was taken within a few minutes of Figure 5-124. The north face is partially obscured by smoke or dust, but it is possible to make out fires in individual windows on the 7th and 12th floors. Columns are visible inside the windows, and these have been identified on the image. On the 7th floor, windows are open, and flames are visible from windows 7-47B to 7-49C. In Figure 5-121, which was taken at roughly 3:05 p.m., fires on this floor had reached only as far east as window 7-49A. Longer distance photographs indicate that the extended area of intense fire to the east of Column 49 became visible between 3:09:42 p.m. and 3:10:46 p.m. Clearly, fire was continuing to spread toward the east on the 7th floor at this time.