Concerning Willis Picture #5 and Zapruder Film:

Since the position of Phil willis has been positively established in the Zapruder film (7H495), photogrammetric analysis was not used in this study because of its questionable value.

Frame 183 from Life, October 2, 1964 and the Willis #5 transparency were employed in this study. Frame 183 sufficiently illustrates the position of Willis. He is lifting his camera to his eye and can be found directly above the windshield of police officer B. J. Martin. In this Willis picture, Clint Hill's left shoulder is directly below Zapruder (as in the Betzner picture). Therefore, the Zapruder frame in which Willis appears above Hill's left shoulder would correspond to the Willis picture. This frame is 202.

The previous simple proceedure conclusively placed the time of exposure of Willis #5 at frame 202. This contradicts the F.B.I.'s assumption that it was exposed in the vicinity of 210 - 225. This assumption was based on a misplacement of Willis as evidenced in Shaneyfelt Exhibit No. 25 where his position is marked far south-east of where he actually stood.

Howard Roffman