

**NR\_key\_name:** B0F86B342043A28F852563E0007255A2**SendTo:** CN=Joseph Freeman/O=ARRB @ ARRB**CopyTo:****DisplayBlindCopyTo:****BlindCopyTo:** CN=R ecord/O=ARRB**From:** CN=Dave Montague/O=ARRB**DisplayFromDomain:****DisplayDate:** 11/12/1996**DisplayDate\_Time:** 3:49:48 PM**ComposedDate:** 11/12/1996**ComposedDate\_Time:** 3:48:50 PM

**Subject:** Meeting Between Kodak and ARRB in Washington (Revised 9/23/96)  
MEETING REPORT DOCUMENT'S AUTHOR: DOUGLAS HORNE/ARRB Date Created: 09/13/96 Meeting Logistics Date: 09/11/96 Agecny Name: Witnesses/Consultants Attendees: David Marwell, Jeremy Gunn, Doug Horne, and Dave Montague (from ARRB), and James R. Milch (Director, Imaging Science Research Laboratories, Eastman Kodak Company, Rochester) and Roland J. Zavada (Retired Kodak 8 mm Film Expert) Topic: Meeting Between Kodak and ARRB in Washington (Revised 9/23/96) Summary of the Meeting This meeting was in response to ARRB's letter to Kodak of July 26, 1996. Mr. Milch began by making some general statements:-Still image processing (enhancement) has not advanced in any real degree since 1978 (HSCA timeframe) -- it is simply much less expensive now.-But the ability to process motion picture images has changed and advanced considerably since 1978. Kodak could do meaningful work on motion picture images (in the way of improving understanding of image content) if tasked.-In regard to preserving films for posterity, Mr. Milch said that he recommended preserving digital scans of selected film images on CDs, with an encoded security feature which would verify to all future viewers that the images preserved on CD at the archives were unchanged since the time they were digitized and encoded on the CD (i.e., any digital image which did not in the future display the proper "hash code" could not be verified as being the image originally transferred, whereas an image which did display the proper "hash code" could confidently be verified as the same image placed on storage in the archives by the ARRB).-Two general comments Mr. Milch made in regard to the HSCA reports of film analysis which ARRB forwarded to Kodak were that (1) HSCA did not do physical sampling of film samples, i.e., cross-sectioning--to study image structure as it pertains to authenticity; and (2) with regard to motion pictures in particular, Mr. Milch noted an absence of reporting on, or discussion of, motion picture authenticity in the HSCA reports he studied.

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ng the course of the day, a wide-ranging discussion was held between ARRB staff and Kodak representatives regarding whether Kodak could propose tests and analysis which would be germane to the various authenticity issues raised over the years by the JFK research community in regard to the Zapruder film, and JFK autopsy photos and x-rays. Additionally, there was some discussion of the possibility of analysis of some materials belonging to Robert Groden which are now in the custody of the ARRB due to subpoena action. The bottom line is that Kodak felt that tests and analysis could be conducted which would be germane to the authenticity of the Zapruder film and various autopsy photos, and analysis could be done which would be germane to determining the age of some Groden materials, and the authenticity of others. A visit was made to Record

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