A STROBOSCOPIC TECHNIQUE FOR USING CCD CAMERAS IN
FLOW VISUALIZATION SYSTEMS FOR CONTINUOUS VIEWING
AND STOP ACTION PHOTOGRAPHY

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FIGURE 1c: VIDEO STROBE SYNCHRONIZER.
FIGURE 3: OSCILLOSCOPE WAVEFORMS OF AN OPERATING VIDEO STROBE SYNCHRONIZER
A stroboscopic technique for synchronizing a pulse light source to CCD video cameras is presented. The technique permits the use of pulse light sources for continuous as well as stop action flow visualization. The technique has eliminated the need to provide separate lighting systems at facilities requiring continuous and stop action viewing or photography.