

Thurs., Mar 7, 1963

Film Viewers and Film Readers [REDACTED]

① John C.
 ② John R.
 ③ File

705-V Film Viewer

Delivery is ahead of the schedule quoted in the contract status report of 10 Feb 63. Total of 12 have been delivered (including contract [REDACTED] and 9 more will be ready for delivery within the next two weeks. 5 ready now. Requested permission to divert two to St. Louis.

705-R Film Reader

Drastically behind schedule. No estimate available of delivery. Status appears to be in about the fourth month of a ten month program. They hope to have the platen and drive mocked up for test by mid April but that seems optimistic. They plan to use standard cabinet components from the viewer program, modified to fit.

[REDACTED] will bring layout of control panel to WDC end of March for John R. Approval.

Will use Telescomputing Magnetic reading head type 15A with 2000 counts per rev. No mechanical reset of counter. Plan to use Nixie tube display of micron count, resettable to zero on command.

Will use 2½" Diam Graphmo ground to .0001" toler metering roller. Plan to try 90° film wrap for metering. Can increase to 180° by rework if needed. Counter geared 10 rev to 1 roller rev giving 20,000 counts to 200 mm.

Loosely run development program. No project plan, no in-house written design directive, no close coordination of electrical and mechanical design, no error analysis to assure achievement of reading accuracy. These things are not always needed but in this case they would be highly desirable.

Design nearing completion, detail manufacturing drawings being made. No new parts made yet. Plan to mock up vacuum metering roller for test in about 2 weeks, (seems Optimistic).

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