Quality Control file

December 11, 1969

TO: W. J. Sheehan

FROM: S. M. Lillis

SUBJECT: OPTO - Mechanism, Inc.

RE: Co-Ordinate Inspection Machines
(Trav-A-Dial D. V. M.)

We had an opportunity on November 26, 1969 to see the referenced inspection machine check out the center-to-center locations of dowel holes and combustion chamber openings on a Buick 3855 VCM gasket. It did an excellent job in the capable hands of Leo Dymitro and George Leninger.

We recommend that Quality Control be authorized to purchase the machine with the vertical and horizontal D.V.M.'s.

A unit such as this will increase the accuracy, establish positive capabilities and speed up the inspection of vital dimensions that heretofore have been difficult and time consuming.

We can see the following uses and advantages, which will aid in dimensional control of gaskets:

A. Checking integrity of new tool samples

B. Checking actual tools, dies and fixtures for conformance to Tool Design prints.

C. Checking integrity of "during run" gaskets

D. Checking integrity of "last piece" gasket

E. Checking gaskets for customer inspection reports

F. "On-the-spot" checking of gaskets in the presence of a surveillance team

G. Checking critical dimensions on certain sample gaskets

H. Checking "after-operation" tested gaskets from:
   1. Customer engine
   2. VICTOR engine.

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