

*Scope Mounts*

10/7/81

A meeting was held on 10/6/81 to discuss the proposed Scope Mounts for the Model 700 ADL-BDL Upgrade. Present were:

L. B. Bosquet  
J. W. Brooks

J. P. Linde  
C. B. Workman

Several alternative designs were discussed as were the proposed manufacturing processes to implement them. It was discussed that:

- R & D has a design concept which will be clearly defined prior to transmittal.
- P E & C has a processing concept which will be investigated for feasibility.

A brief description of the processing concept follows:

- Purchase two (2) extruded aluminum blanks (one (1) for the Front Scope Mount, one (1) for the Rear Scope Mount).
- Cut to one piece lengths on an automated bar cut-off machine using gauged form cutters.
- N/C machine complete.
- Perform finishing operations.
- Slit to form the finished Base and Cap.
- Color

A program to implement this assembly has been proposed. It requires:

- |   |                       |
|---|-----------------------|
| ● Drawings to be provided of the one-piece blank, an intermediate process drawing, and finished drawings of the three components. | R & D<br>P E & C      |
| ● Samples will be made and tested.  | R & D                 |
| ● Extrusion vendors will be contacted for the proposed blanks.  | P E & C<br>Purchasing |
| ● Redesign and reprocess as necessary.  | R & D<br>P E & C      |
| ● Engineering estimates will be prepared and economics worked up.   | P E & C<br>Ind. Eng.  |
| ● Transmit model drawings.  | R & D                 |
| ● Purchase equipment, tooling, and gaging.  | P E & C               |

L. B. Bosquet

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