

File

10/7/81

MODEL 700 SCOPE RINGS

Working with Research a design proposal and process concept to manufacture the Scope Rings at the Ilion Plant has been developed.

The Scope Rings will be fabricated from Aluminum and will be attached to the Receiver Assembly with screws. Two blank forms of extruded Aluminum bar stock will be purchased and finished machined at the plant. The blank forms, one for the front and one for the rear Scope Rings, will be cut to one piece length on a bar cut off machine. The blanks will be fixtured on a Bostomatic Three Spindle N/C Machine and will be finish profiled, drilled, c'bored, tapped and the caps slit free of the base. The parts will be polished and anodized.

Program

- R & D will put together drawings of this concept by November 1, 1981.
- R & D will have sample fabricated on N/C equipment to duplicate process as close as possible.
- P E & C will contact machine tool vendor to start work on machine and tooling.
- P E & C will order extruded Aluminum bar stock.
- R & D will test mounts - If revisions are necessary - drawings, tooling, and blank shapes will be altered.
- Drawings will be transmitted.
- Machines, tooling and bar stock will be delivered and trial and pilot will start.

JPL -