

Progress Report - November

To: Bob Orf
From: Jason Baumgart
Date: November 29, 1993

FLAT RECEIVER TRANSFER LINE

I am still waiting for a response from John Simpson and Ken Soucy on the sample RFQ which was distributed to them. When these comments are received, any necessary changes will be made. At that time, the information will be ready to send to the bidders.

"B-S-T" STAMPING ON PEERLESS

I received the new stamp holder today, and plan to try it out at an appropriate time. I have several scrap frames to use for initial set up and testing.

7400/7600 CONVENTIONAL RECEIVER LINE

I have ordered six pairs of carbide end mills for the spline mill machine which makes the action bar clearance slots on both the 7400 and 7600. The end mills currently in use deflect a great deal, resulting in a tapered slot. They prove to be uncontrollable and need to be changed often. Hopefully, the carbide end mills will be better suited for the operation.

1187 EJECTION HOLE

In an attempt to decrease the cycle time for the ejection hole operation on the 1187, feeds and speeds have been increased for all tools, and a carbide saw blade is being tested for the stress relief slot. I changed the program on the Fadal machine to allow the rough and finish end mills to cut at a faster rate, and to account for a carbide saw.

870 12 GA CONVENTIONAL LINE

I have been studying the effect of the roto-blast operation on the barrel hole dimensions for the 870 12 Ga. Since the side panels will be polished 100%, a decrease in the time needed for the blast operation would be ideal. Both time duration and shot velocity will be investigated as to how they effect the barrel hole and the finish of the receiver.