



Carousel

by Ronald B. Lambert

Novice stone for 2003 USFG competition

I test cut this stone in synthetic quartz citrine donated to me by Dieter Irmischer. I spent three and a half hours on it. There are no surprises and I cut the stone exactly in the sequence of the diagram except for G1 and P1. I cut p1 first and G1 second roughing out with a 360 getting it down to 13.5 mm. then changing to a 600 lap cutting P1 to center point and cutting the girdle down to 11.5 MM. Now change to a twelve hundred lap and cut to center point the best you can, now go to G1 and cut as straight a girdle line as possible cutting it to 11 mm or anything you want between 8mm and 11 mm. Now is the time you want to polish the girdle, you don't want to have to come back to it as it would throw your meet points out. If everything comes out right finish up with P2. I polished with cerium on a corian but an ultra lap or any method you choose is fine.

After transfer I used a 600 to find out what the girdle line looked like with C1 and had to make a slight adjustment on the cheater. I put a twelve hundred lap on, cut the girdle to close to .3 and cut C2 C3 and the table, I over cut the table very slightly and polished it. I then polished C1 C2 and used my cheater and height adjuster to put all star meet points in.

In my opinion a reasonable amount of time for a novice to do a creditable job would be three to five six hour days.

Co-Chair Competition committee USFG

Art Kavan