Subject: Re: SE 300B Project, Part 13 - The finished amp Posted by Damir on Mon, 03 Jul 2006 11:08:35 GMT View Forum Message <> Reply to Message

Hey, thanks...I also worked on high temperature and humidity...huh.The whole saturday afternoon and evening I drilled over 300 holes in the lower cover (ventilation)...first fi 3mm, then enlarge them to 4,5mm, then de-burring...This is more tin-smith then electronic work, haha...When I was finished, I mounted the lover cover (tightly), mounted 5 feets (weight!), and bring the amp in the main room. Just listening the music when I have some time - I'm tired of tinkering :-). The sound is very good, little on the "soft and warm" side, but not too much that we can say "colored"... Clean, detailed, very nice! I think that it just started to "open up". Interestingly, two guys with large experience in the amps building privately suggested me 300h burn-in like their experience. They don't like the forums, I don't blame them... I measured 5,7 & 6,6 mV of hum on speaker terminals - not overly good, but probably normal for the stereo amp with very small steel chasis. Most of this hum comes from the AC heating, and a little from electromagnetic interactions. Even shorted input grid on 300B doesn't change the level of hum. Interestingly, one "Svetlana" tube with the hum pot in the middle shows almost 50mV of humm- large "off center"! I needed large turn of hum pot to find the minimum hum. However, the hum isn't noticeable in the listening position, but people with very sensitive speakers better use bigger chasis of non-magnetic metal, monobloc construction, partitions, and DC heating like reccomendable option. I'll do some other measurements, when I find some time. And yes - the amp weights exactly 20 kg ...