

Blocked straw - 33

# Pre Plane Assembly Summary

Panel No	Plane No	Cleaned/Prepped	Blocked straws	Missing wires	Missing wires confirmed	PFN & std. off epoxy	Ear install	Ear leak test	Prep Finished	Pre Assy gas leak test
MN178	31	✓	#48 33 left	Lo 48		✓	grey ✓ Clean ✓	✓	✓	✓
Repairs	<ul style="list-style-type: none"> <li>ear flooded ✓</li> <li>removed pigtail from 71, 92, 9 and cleaned 57, cleaned 37</li> <li>drilled 33</li> <li>backside PFN #7 at 2 1/4 turns</li> </ul>									
HV issues	<p>wire 9, 57, 71, 92 high current</p> <p>After 1st cleaning, wire 57 still high current, + still high current at wires at cathode ch 37 + blocked straw 33</p> <p>FESS test (✓) HV test - (✓) gain test - (✓)</p> <p>panel not pass the AC test due to too much high current wires</p> <p>can pass AC test but need to repair high current wire and blocked straw</p>									
Notes	<p>standoffs are good</p> <p>Air tested for blocked straws - #33 left</p> <p>Air tested under DM B + 5 mil Kapton check - OK</p> <p>PFN's check - #8 - OK clear</p>									

MN178

- After drilling and repairing 2nd times:
- + wire 33 short
- + wire 57 still high current
- + can pass AC test
- + 1/2 piece ch 17 Cathode missing  
→ replaced a clip