

# Pre Plane Assembly Summary

Panel No	Plane No	Cleaned/ Prepped	Blocked straws	Missing wires	Missing wires confirmed	PFN & stnd. off epoxy	Ear install	Ear leak test	Prep Finished
	1								
✓ MN128	<del>8</del>	✓	Ø	#1		✓	✓	✓	✓
Repairs	• PFNs cleared flooded ear • cleaned 36, 37, 42, 47, 62, 80, 84 (pig tails on 38, 39) • PFN #2 cap needs to be replaced • PNN #2 cap replaced • removed straw #1 and reflooded 7/29/22								
HV issues	• straw 80 high current → induced trip, straw 1 missing • HV test (✓) • wire spark: 47, 42, 62, 80, 84, 36, 37 • gain test (✓) • high current at cathode channel 38 • FeSS test (✓) • No param C test 26/06/24 • straw 1 missing • HV test: wire spark: 6, 7, 22, 37, 42, 47, 62, 72, 73, 77, 80, all these resolved using KAPTON dot. • wire spark: 84 → Kapton dot (no help) • Pass QC test								
Notes	• clean up silver epoxy on multiple wires 11/19/21. Removed panel from plane 8 (Replaced w/ 129) • standoffs are good ✓ • replacing a panel in plane 1 (MN050) • Pfn ✓ = epoxy in #1+2 (2) to remove a leaky straw #1 • patched w/ 10/10 grey instead under plane #1 + repairs Remove Straw Plane 1 deconstructed 4/29/24 Plane 1 Reconstructed 7/17/24								

Pre assembly  
gas leak  
test

document  
this  
pt

Rt side