

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	pre Assy gas leak test
Mn137	8	✓	Ø	25 straws (34, 76)		✓	grey ✓ clear ✓	✓		✓ 7/18/22
Repairs	potted/epoxied gaps @ both ends of DMB. Omega clip replaced. ear flooded.									
HV issues	<div><div><ul style="list-style-type: none">Wire 46 can handle only 1 kVWire 40 can handle up to 1.4 kVgas leak at DMB and cal sideIt is better better to put more epoxy at DMB and HV side.</div><div><ul style="list-style-type: none">Wire 53 high currentanode pin wire g5 lossing after AC testgain test - (✓)HV test - (✓)</div></div>									
Notes	<div><div><ul style="list-style-type: none">Air tested for straw blockages - ✓ 2/21Missing omega clip: (42/43) ① - fixedMissing cathode 21, where 48 Missing straws 34, 76shifted PIRAir tested 5 mil kapton ✓ for gaps under DMB - gaps @ both ends/cornersPFNs ✓ = OK</div><div><ul style="list-style-type: none">standoffs are good ✓used as a replacement panel in plane 8straw apparent damage 46, 48, 50 (Rhs) 40, 42, 44, 46 (Lhs)</div></div> <div>possible leak check however</div>									

Sept. 5th, 2024 (MN137)

*Kapton - dot 3.6, 38, 39, 40, 41, 42, 43,
44, 45, 50, 51, 78, 79, 80, 81, 82, 83,

*Missing straw: (34), (76)

*High current wire (53)

*Trip problem: (40), (46) (marked as
short wire on Database)

*Anode pin came out: (95)
(marked as missing anode on DB)

• HV test ✓

• Gain test ✓

• Fe 55 test ✓