

Straw
Air test ✓

Pre Plane Assembly Summary

OMB #71

Panel No	Plane No	Cleaned/ Prepped	Blocked straws	Missing wires	Missing wires confirmed	PFN & std. off epoxy	Ear install	Ear leak test	Prep Finished
✓ M11051	1	✓				✓	✓	✓	✓

Repairs

- ear flooded
- Cleaned vasaline out of the PFNs
- Cleaned 0, 1, 81, 94, 20, 21, 28, 29, 30, 31 (couldn't clean 20, 21, 28, 29, 30, 31 on cal side due to red epoxy)
- pig tails 20, 18, 16, 17 HV side
- wire 28 anode pin came off HV side

HV issues

- HV test - ①
- Gain test - ②
- Fe55 test - ③
- wire spark: 0, 1, 25, 81, 94, 20, 21
- wire high corner: 27, 25, 30, 31
- no par AC test

July 3, 2024

- HV test Wire spark (resolved with KAPTON dots): 0, 1, 2, 3, 4, 20, 21, 23, 26, 32, 33, 35, 71, 75, 81, 84, 85, 87
- Wire: 94, 95 (spark after KAPTON dot)
- Passed QC test

Notes

- OMB installed a final
- Plane 1 deconstructed 4/29/24
- Backside PFN check - ✓ - both mid. ribs damaged 4/30/24
- OMB gap test w/ 5mil Kapton - ✓ ^

• Plane 1 Reconstructed 7/17/24