1 Introduction

Frank

- -Performance Muon system in ATLAS—¿ need 20um
- -Discuss High Mechanical precision in context existing muon chambers.
- -Refer to exisitng notes/papers on ATLAS MDTs (Marcel)
- -Desctiption Muon System in Atlas: Magnet, MDT, RASNIK
- -Description MDT(tubes,spacer,alignment) Plot-of-MDT
- -Discuss contents paper

2 Drift Tube Construction

Frank

- -Describe drift tube Plot-of-drift-tube
- -Wiring robot
- -Wire Position Plot-of-Position (Marcel)
- -Wire Tens Plot-of-Tension-distribution (Marcel)
- -TUBe HV (Harry) Plot-of-HV-dist (Harry)
- -Gasleak Plot-of-GasLeak (Marcel?)

3 Spacer

??? ???

4 Assembly Station

- -jigging+mechanics intrinsic precision (Marcel)
- -alignment jigging+mechanics (Marcel) Plot-Assembly-Station

4.1 Gluing/Assembly

- -sagcompensation (Marcel)
- -GuidoLAser (Graziano) Plot-with-Results (include tomo)
- -Glue machine ???
- -Production time ???
- -monitoring RASNIKS + Forces + Pressures (Graziano)

4.1.1 Results Monitoring

Graziano Plot-Steps-RASASS

5 Xray tomograph

Marcel

- -Intro tomo–¿ reference
- -Results Tomo
- -Comparison Results Tomo+Monitoring (Graziano) Z+Y-Plot-of-RASNIKvsTOMO
- -Mention Cosmic Ray Stand

6 Conclusions