

TRL-8 Readiness Checklist

- Requirements freeze / CTQ table completed
- Bench accuracy & linearity tested (\pm specified % FS)
- 12–24 h continuous data log captured with timestamps
- Temperature drift evaluated over available range
- Noise & warm-up drift quantified
- 100 h basic endurance run (or summary of longer run)
- Field simulation \geq 24 h in intended environment
- System uptime \geq 98 % during field test
- All documentation uploaded: code, BOM, graphs, risk log
- Sensor-swap readiness statement included