

## RNAV and RNP Differences

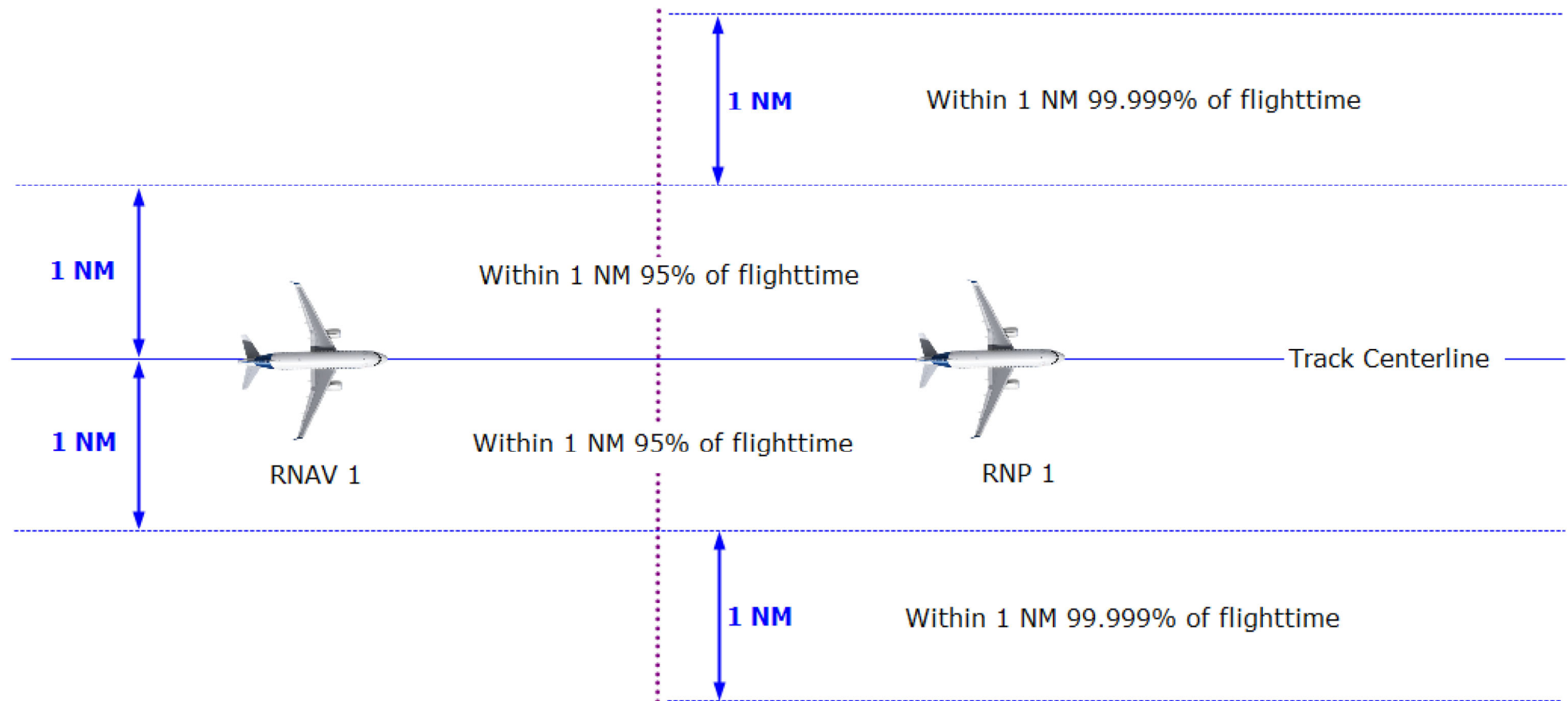
**RNAV** airspace generally mandates a certain level of equipment and assumes you have a 95% chance of maintaining a stated level of navigation accuracy.

**RNP** is a part of Performance Based Navigation (PBN) which adds to the same RNAV accuracy standards a level of system monitoring and alerting.

**RNAV 1** and **RNP 1** both state a requirement of a 95% probability of staying within 1 nm of course. RNP will alert pilots when the probability of the aircraft staying within 2 nm of that position goes below 99.999%.

Under **RNAV**, the required equipment used to achieve the navigation accuracy is specified.

Under **PBN**, only the Required Navigation Performance is specified and **it is up to the operator to achieve that performance**



**The key difference with RNP: Onboard Monitoring and Crew Alerting**