If you are not able to achieve azimuth (flashing AZM on AAT display) and have used the troubleshooting tips concerning mounting, etc from the Quick Ref card. Use the following flowchart:

From startup, the AAT displays a flashing 'GPS' indicator to let you know it is attempting to _LOCATE_ satellites. Once GPS location data has been established the AAT will flash AZM as it is attempting to calculate a GPS based azimuth reading. Once AZM is solid at any time, measurements can begin. If AZM remains flashing after 3-4 minutes, follow flowchart below

From Main Menu, select **Satellites page**

Is AZM solid? (wait for up to 90 seconds with AAT away from mount) — Yes → Allow AAT to sit for 30 seconds after AZM solid → Done.

No

Move AAT to better location, different mounting position

No, tighten or remove SD door temporarily

Top 5 SNR greater than 42? — No → If equiiped with SD Door, is it tightened or removed? — No

Yes

Yes or no SD Door

From Main Menu, select **GPS Summary page**

Sats in use > 4

Yes, Interference from surroundings

Yes

Cycle Slips less than 20? — No

Yes

Quality > 40 — No / Yes

Move AAT very slowly in 180 degree arc and tilt slightly

Is AZM solid? (wait for up to 90 seconds) — No

Select Lo Filter from GPs Summary screen — Yes

Lo Filter Selected? — No

Is AZM solid? (wait for up to 90 seconds) — No

Yes

Yes

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