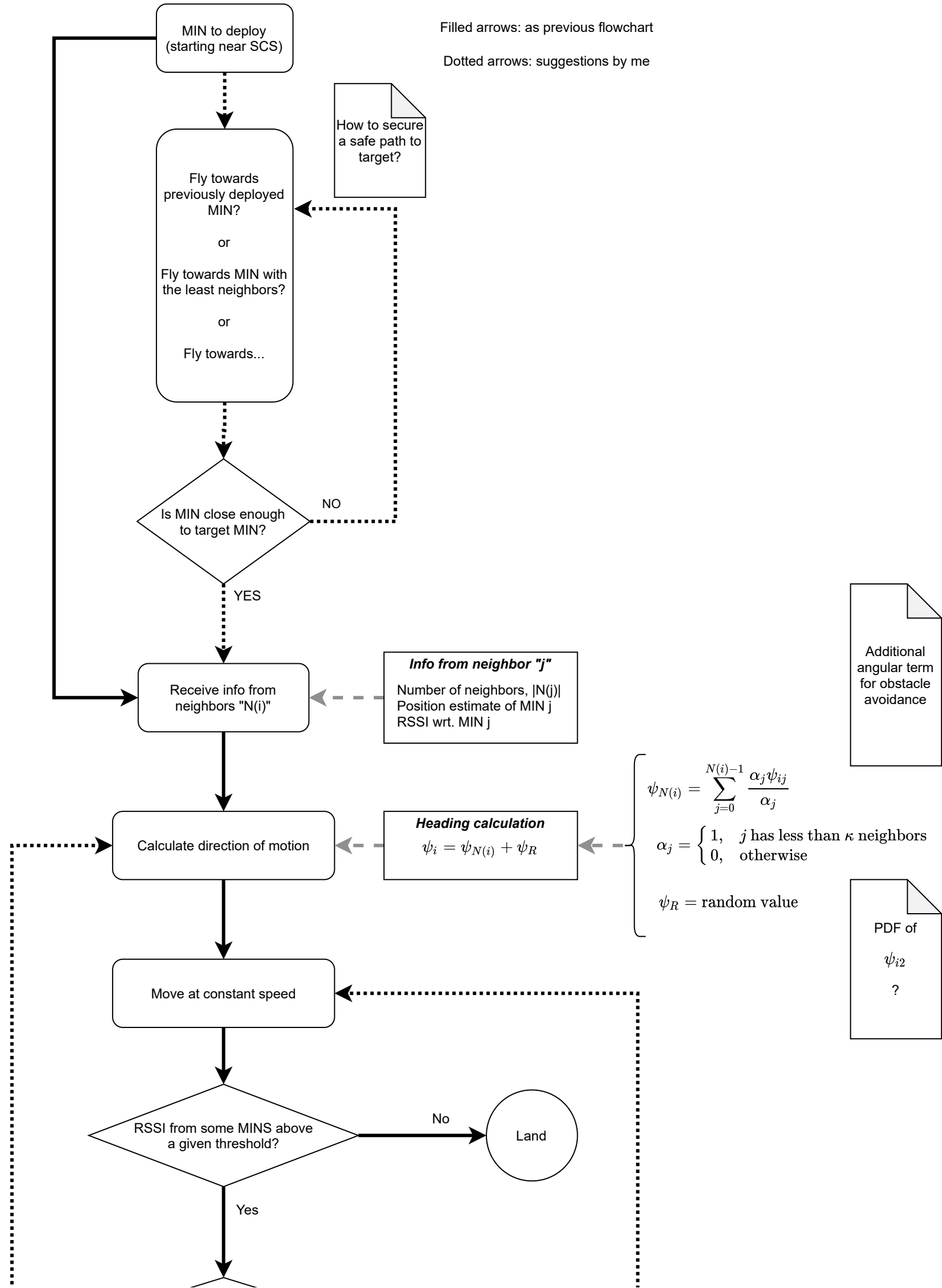
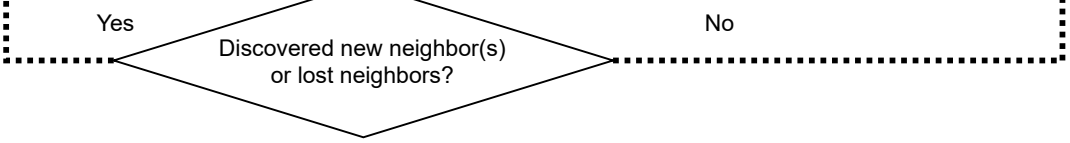

Filled arrows: as previous flowchart
Dotted arrows: suggestions by me
MIN to deploy (starting near SCS)
How to secure a safe path to target?
Fly towards previously deployed MIN?
or
Fly towards MIN with the least neighbors?
or
Fly towards...
Is MIN close enough to target MIN?
NO
YES
Receive info from neighbors "N(i)"
Info from neighbor "j"
Number of neighbors, |N(j)|
Position estimate of MIN j
RSSI wrt. MIN j
Additional angular term for obstacle avoidance
Calculate direction of motion
Heading calculation
$\psi_i = \psi_{N(i)} + \psi_R$
$\psi_{N(i)} = \sum_{j=0}^{N(i)-1} \frac{\alpha_j \psi_{ij}}{\alpha_j}$
$\alpha_j = \begin{cases} 1, & j \text{ has less than } \kappa \text{ neighbors} \\ 0, & \text{otherwise} \end{cases}$
$\psi_R = \text{random value}$
PDF of ψ_{i2} ?
Move at constant speed
RSSI from some MINS above a given threshold?
No
Land
Yes


Yes
No
Discovered new neighbor(s)
or lost neighbors?