

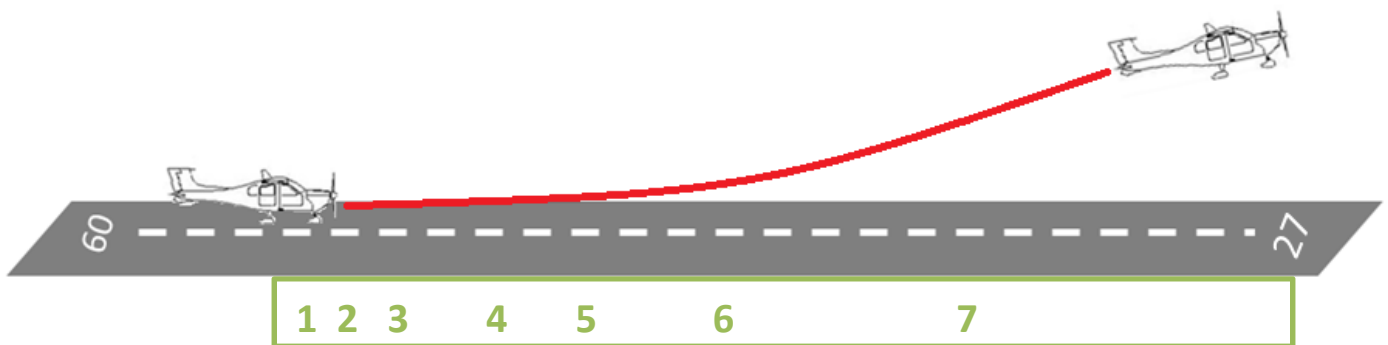
Theory Brief 5: Circuits – Take off Procedure

Aim:

“To be able to “take off” with an adequate margin of safety whilst not referring to instruments.”

Take off:

- Check full and free of movement
 - Trim set for takeoff
 - Check windsock
 - Fuel pump on
 - Lineup – orientate with middle of runway
 - Reference Point
 - RWY 09 – Tree at end of Runway
 - RWY 27 – Tree at end of runway
 - Radiocall
 - “Location ID “traffic”, A/C ID _____, Intention _____ (RWY) _____, Location ID”
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1. Slowly apply power – roll
 2. Counter any turn – normally left – (crosswind?)
 3. Steadily apply power –to maximum (Stay straight and on reference point)
 4. Speed builds – feel when elevator becomes effective (Stay straight and on reference point)
 5. Raise nose wheel and hold attitude (Stay straight and on reference point)
 6. Wait – speed builds – take off occurs at correct speed (Stay straight and on reference point)
 7. Once airborne: after a few seconds adopt climb attitude (Stay straight, adopt a new reference point)



Air Exercise:

- Conduct a standard take off.