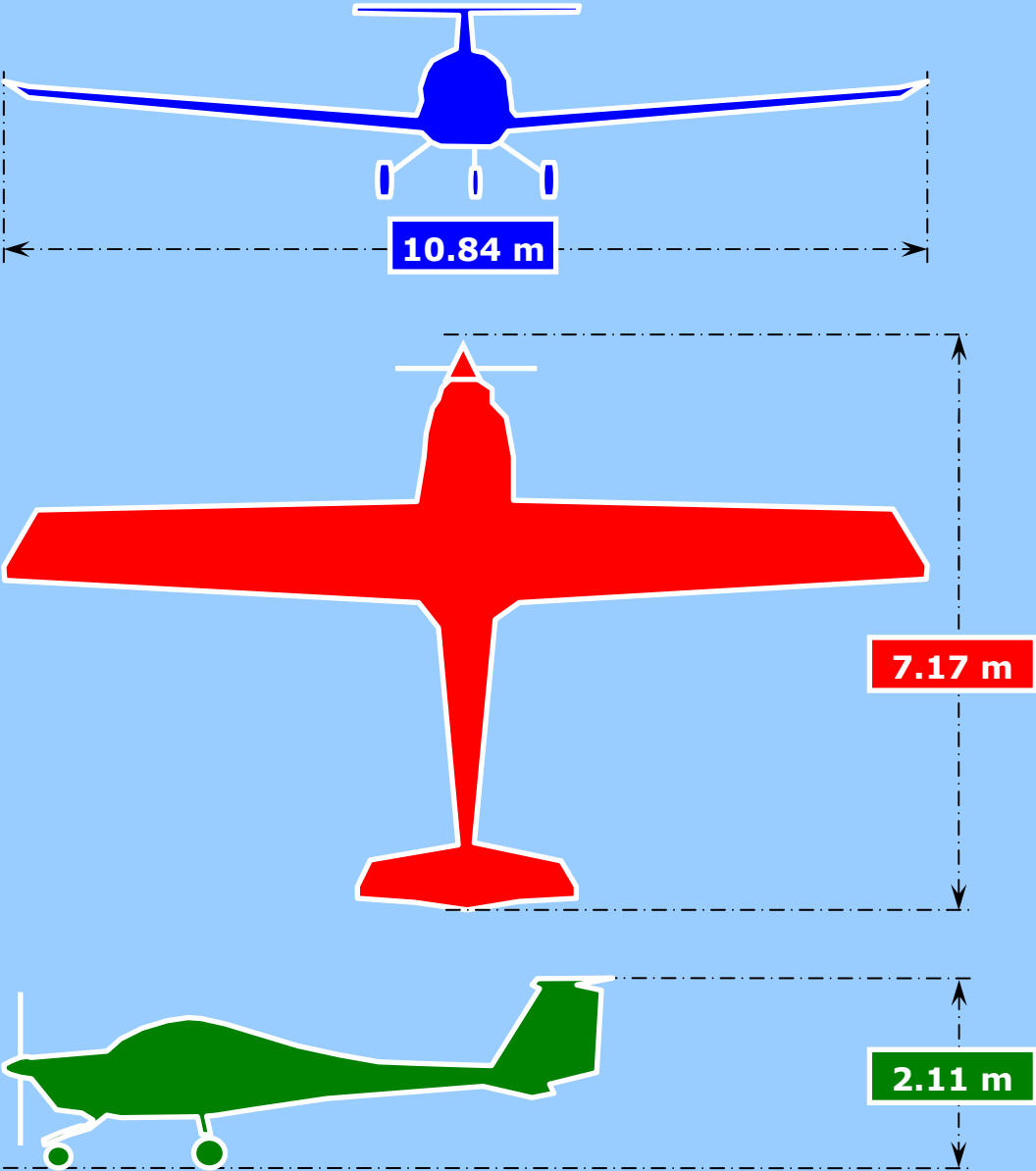




ENGINE	PROPELLER
• ROTAX 912 • 4 CYLINDER • 4 STROKE • 1.211 LITERS • 80 HP (100HP OM-KLS)	• 2 BLADES • VRB PITCH (10°-35°) • CONSTANT SPEED • HYDRAULIC CONTROL • MAX 2550 RPM

OIL SYSTEM	FUEL SYSTEM
• DRY OIL SUMP • MIN 3.0 LITERS • MAX 3.4 LITERS	• AVGAS100LL/NATURAL95 • TOTAL 76 LITERS • USABLE 74 LITERS • UNUSABLE 2 LITERS

COOLANT	EMPTY WEIGHT
• MIN 2.4L (IN SYSTEM) • MAX 2.5L (IN SYSTEM) • MIN 0.1L (RESERVOIR) • MAX 0.2L (RESERVOIR)	• OM-HLK 544.5 KG • OM-KAT 520.2 KG • OM-KLA 520.2 KG • OM-KLH 529.0 KG • OM-KLM 522.0 KG • OM-KLS 514.1 KG





**5
MIN**

MAXIMUM TAKEOFF POWER TIME LIMIT

**2550
RPM**

MAXIMUM PERMISSIBLE TAKEOFF RPM

**2420
RPM**

MAXIMUM PERMISSIBLE CONTINUOUS RPM

**150
°C**

MAXIMUM CYLINDER HEAD TEMPERATURE

**140
°C**

MAXIMUM OIL TEMPERATURE

**50
°C**

MINIMUM OIL TEMPERATURE

**3.4
LITERS**

MAXIMUM OIL QUANTITY

**3.0
LITERS**

MINIMUM OIL QUANTITY



**730
KG**

MAXIMUM TAKEOFF WEIGHT

*(750KG FOR OM-KLS)***20
KG**

MAXIMUM WEIGHT IN BAGGAGE COMPARTMENT

**250
MM**

MOST FORWARD CG

*(AFT OF DATUM)***390
MM**

MOST REARWARD CG

*(AFT OF DATUM)***+4.4
G**

MAX. POSITIVE LOAD FACTOR WITH FLAPS UP

**+2.0
G**

MAX. POSITIVE LOAD FACTOR WITH LDG FLAPS

**±0.0
G**

MAX. NEGATIVE LOAD FACTOR WITH LDG FLAPS

**-2.2
G**

MAX. NEGATIVE LOAD FACTOR WITH FLAPS UP



VFR

AIRPLANE OPERATION RULES. DAY AND NIGHT.

**+55
°C**

MAXIMUM TEMPERATURE FOR A/C OPERATIONS.

**-31
°C**

MINIMUM TEMPERATURE FOR A/C OPERATIONS.

**15
KT**

MAXIMUM DEMONSTRATED CROSSWIND.

*(FOR TAKEOFF AND LANDING)***76
LITERS**

TOTAL FUEL CAPACITY.

**74
LITERS**

USABLE FUEL.

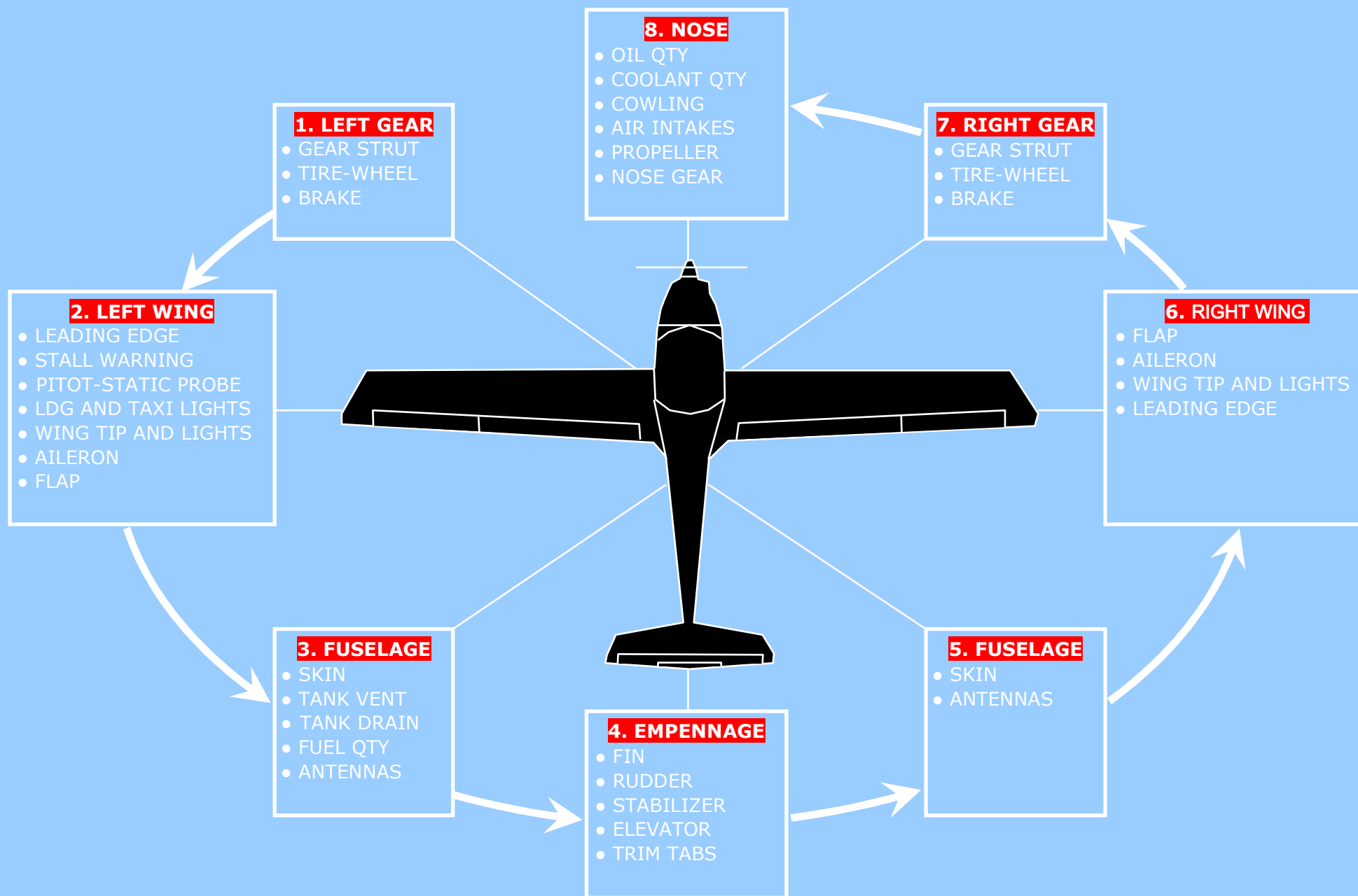
**2
LITERS**

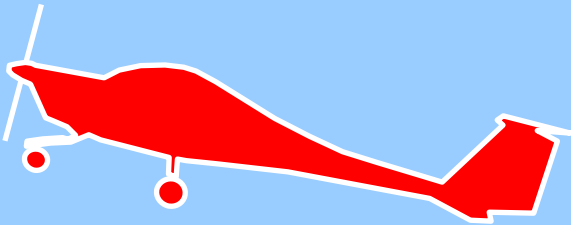
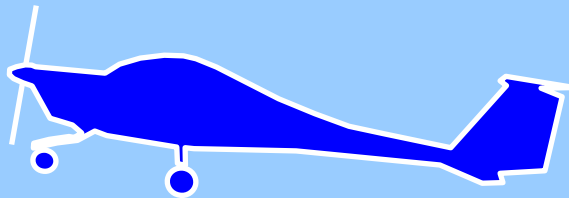
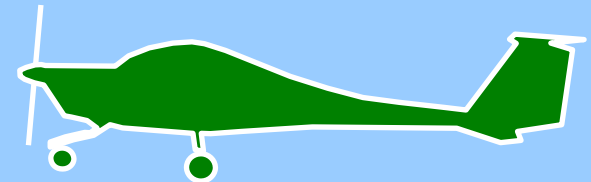
UNUSABLE FUEL.

STOP

AEROBATIC MANEUVERS ARE PROHIBITED!





**37 KT****39 KT****41 KT****FLAPS
LDG****FLAPS
T/O****FLAPS
UP**



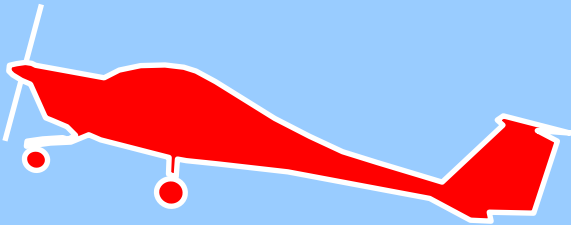
50 KT



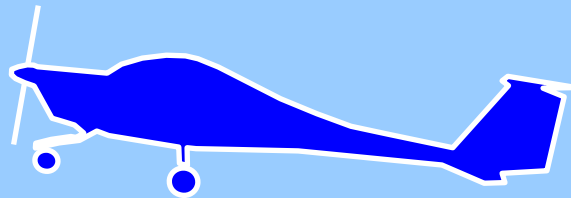
55 KT



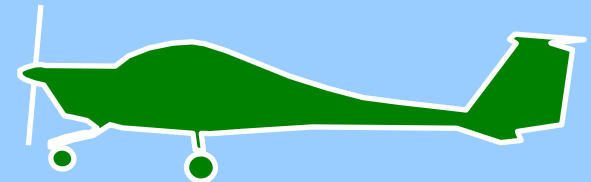
60 KT



**FLAPS
LDG**



**FLAPS
T/O**



**FLAPS
UP**



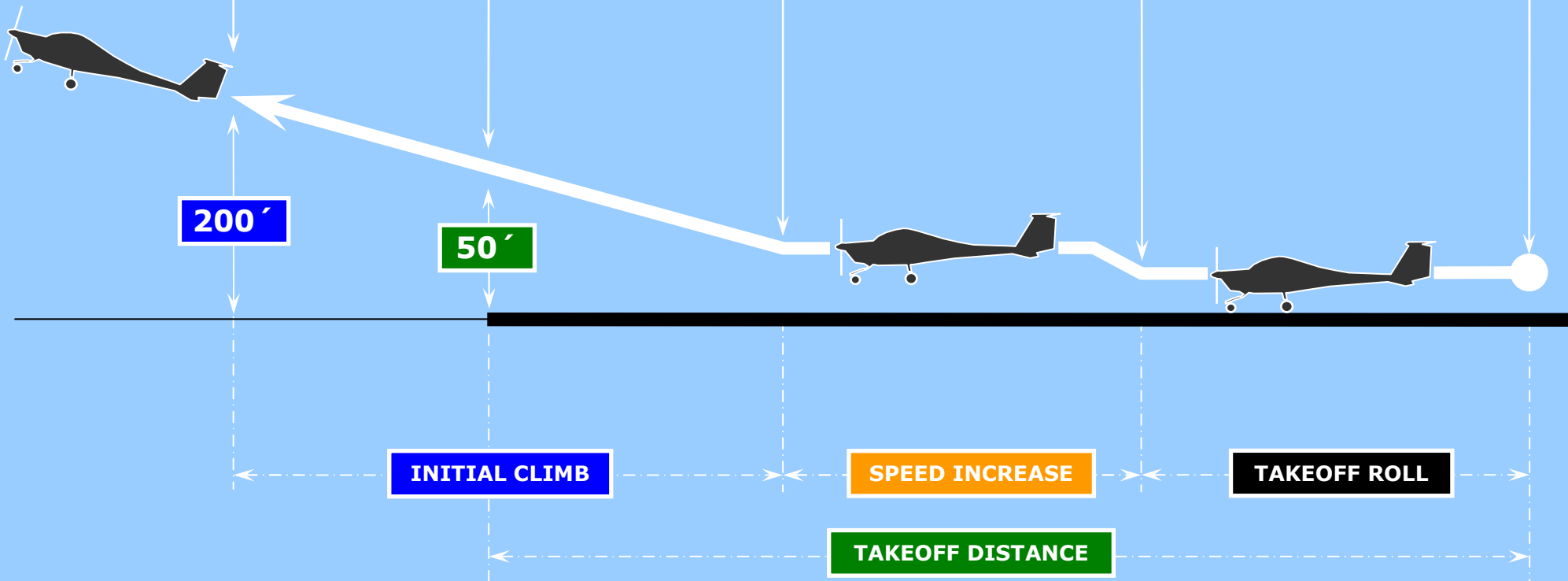
- ACCEL. HEIGHT**
- SPEED 70 KT
 - FLAPS UP
 - LDG LGT OFF
 - FUEL PUMP OFF

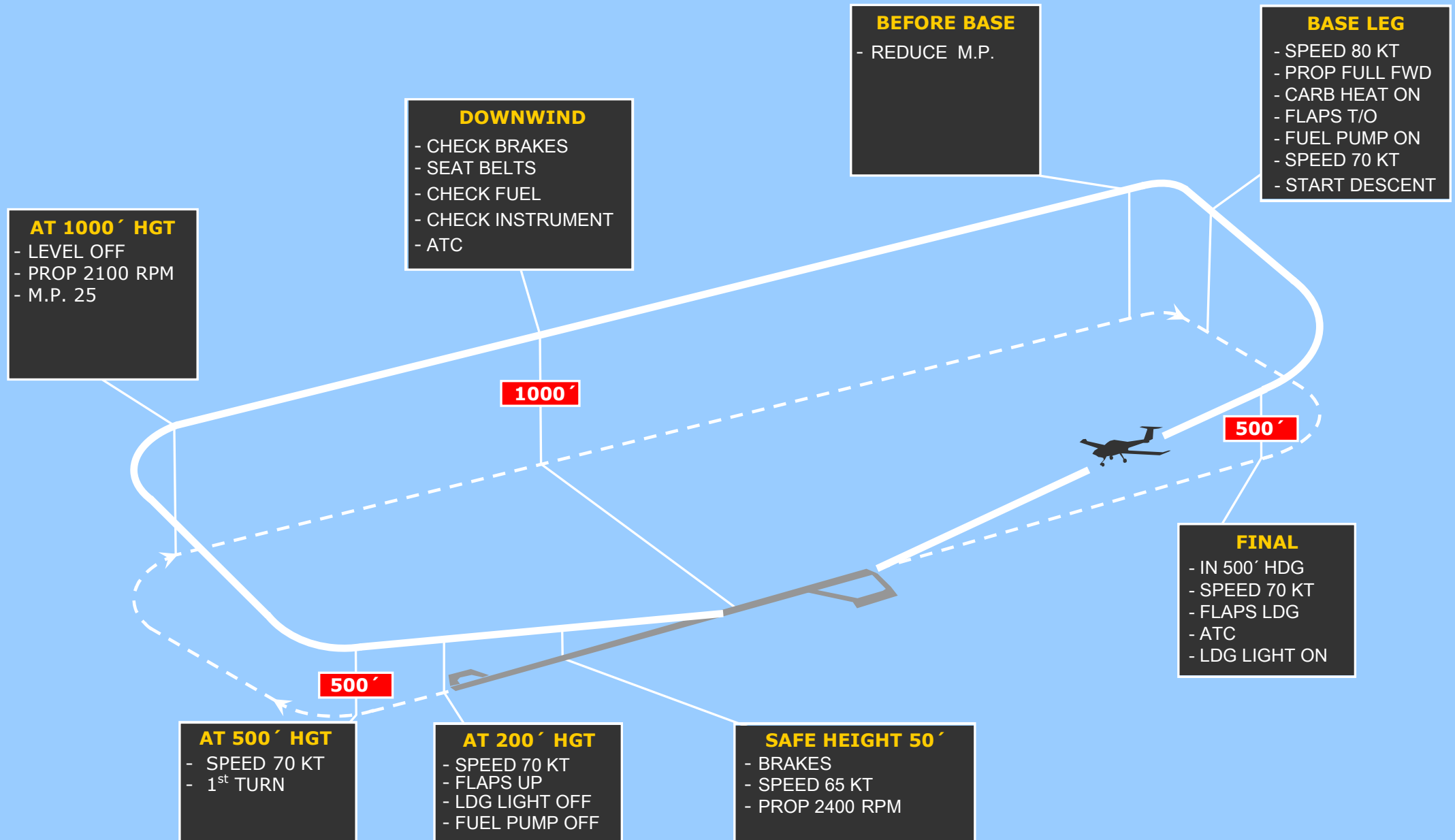
- SAFE HEIGHT**
- SPEED 65 KT
 - PROP 2400 RPM

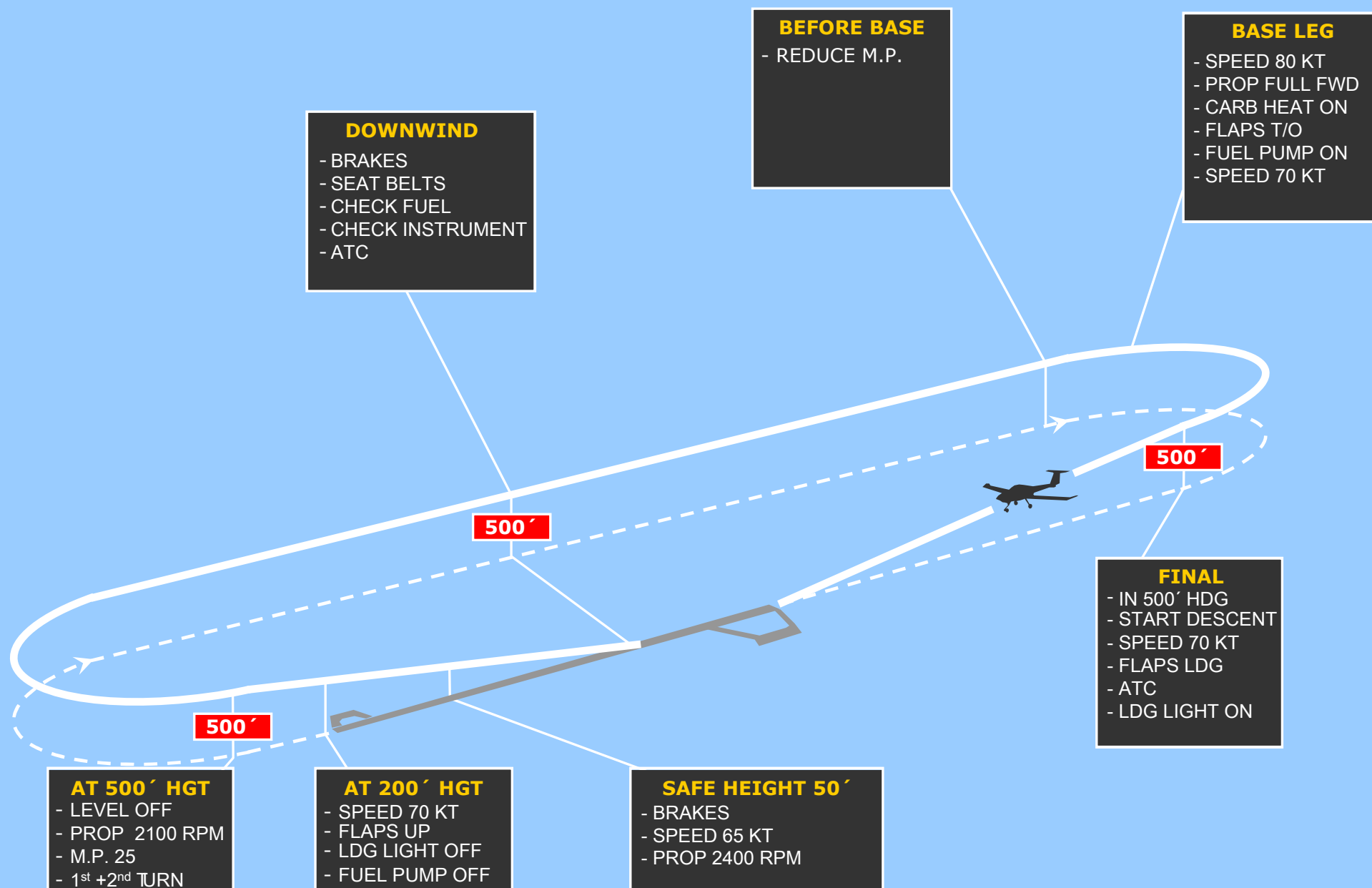
- INITIAL CLIMB**
- SPEED 65 KT
 - START CLIMB
 - BRAKES

- ROTATION**
- SPEED 51 KT
 - UNSTICK AC
 - FLY 5' HEIGHT
 - INCREASE SPD

- START**
- T/O CHECK
 - T/O POWER
 - BRAKES OFF









STOP

- USE BRAKES
- GENTLY

TOUCHDOWN

- SPEED ± 50 KT
- NOSE UP
- TOUCH ON MAIN LDG GEAR FIRST

FLARE

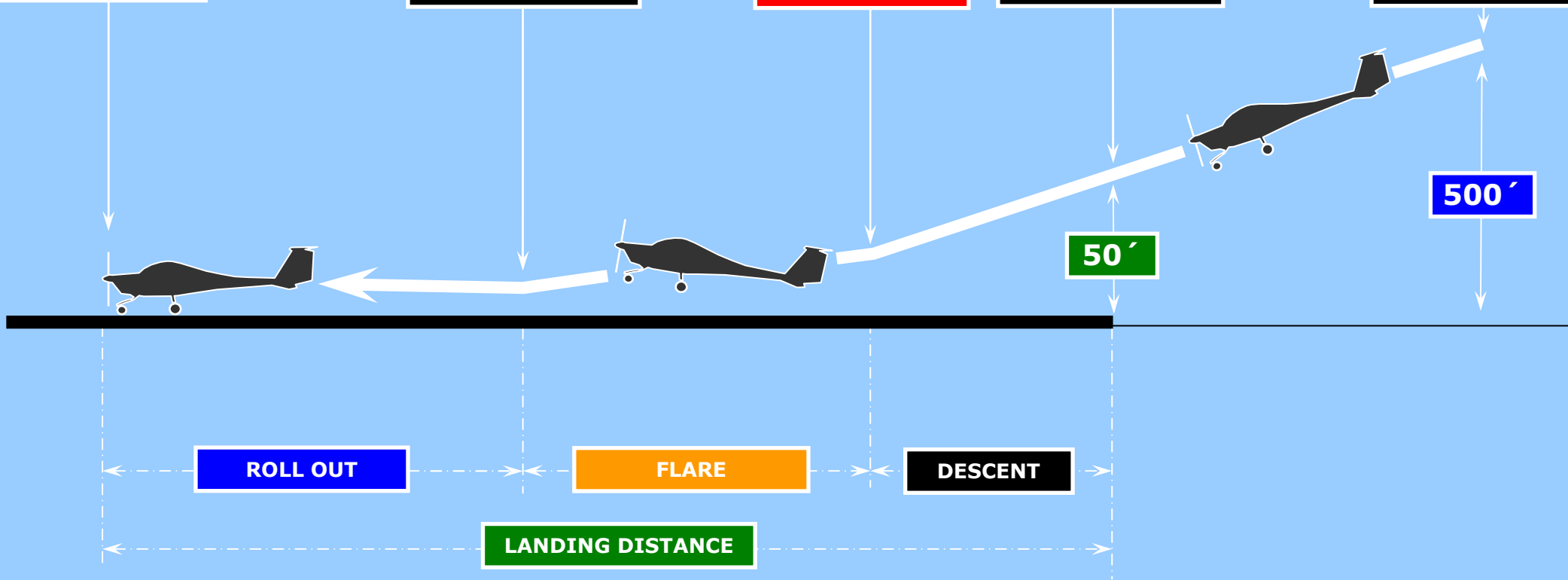
- HEIGHT $\pm 5'$
- IDLE POWER
- START FLARE

OVER THRESHOLD

- SPEED 65KT

ON FINAL

- SPEED 70KT
- MAX -1000 FPM
- FLAPS LDG
- ATC
- LDG LIGHT ON



**ACCEL. HEIGHT**

- SPEED 70 KT
- FLAPS UP
- LDG LGT OFF
- FUEL PUMP OFF

**SAFE HEIGHT**

- SPEED 65 KT
- PROP 2400 RPM

**INITIAL CLIMB**

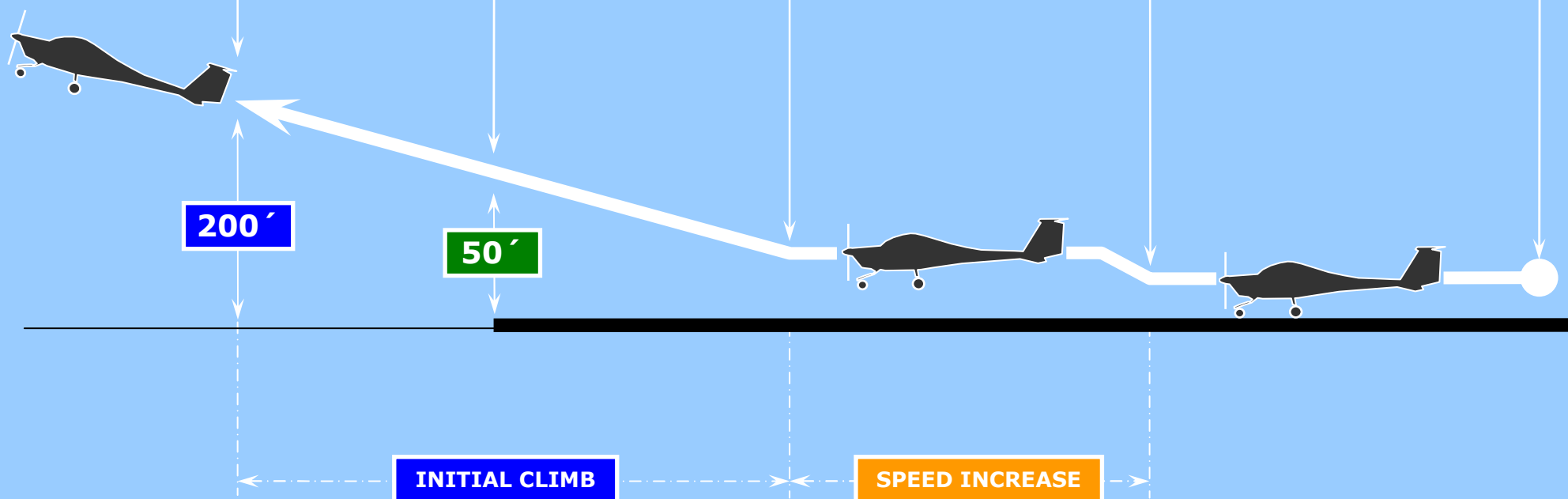
- SPEED 65 KT
- START CLIMB

**ROTATION**

- SPEED 51 KT
- UNSTICK THE AC
- FLY $\pm 5'$ HEIGHT
- INCREASE SPD

**TOUCH&GO**

- FLAPS T/O
- CARB HEAT OFF
- FULL POWER





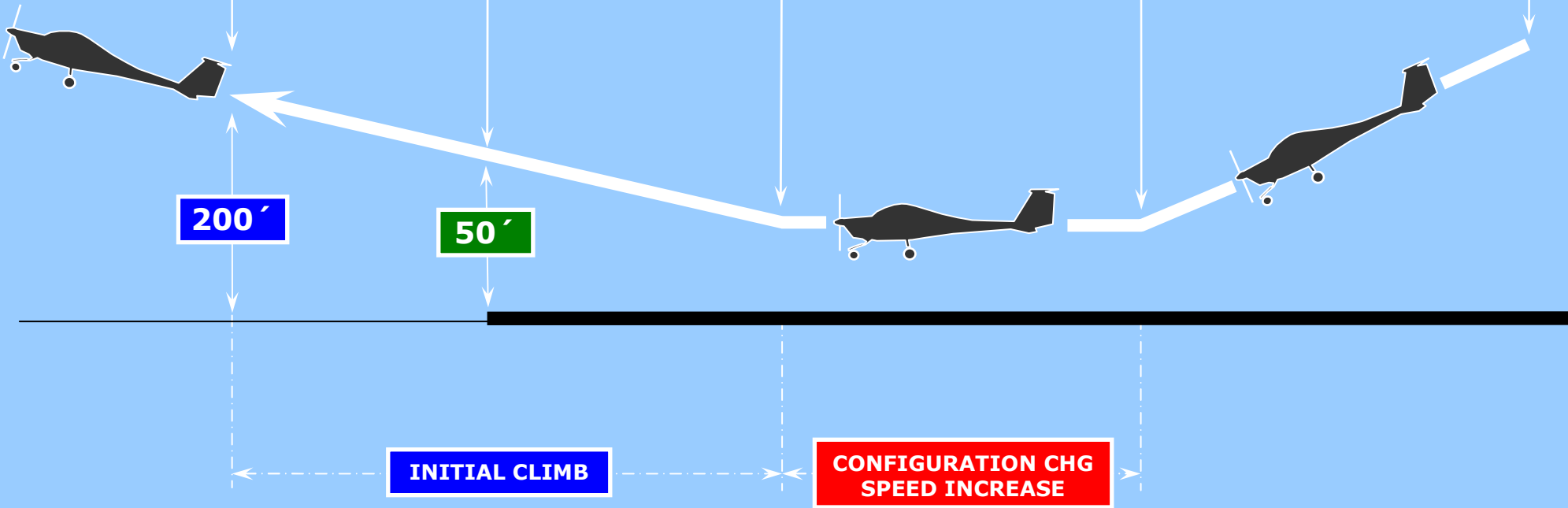
- ACCEL. HEIGHT**
- SPEED 70 KT
 - FLAPS UP
 - LDG LGT OFF
 - FUEL PUMP OFF

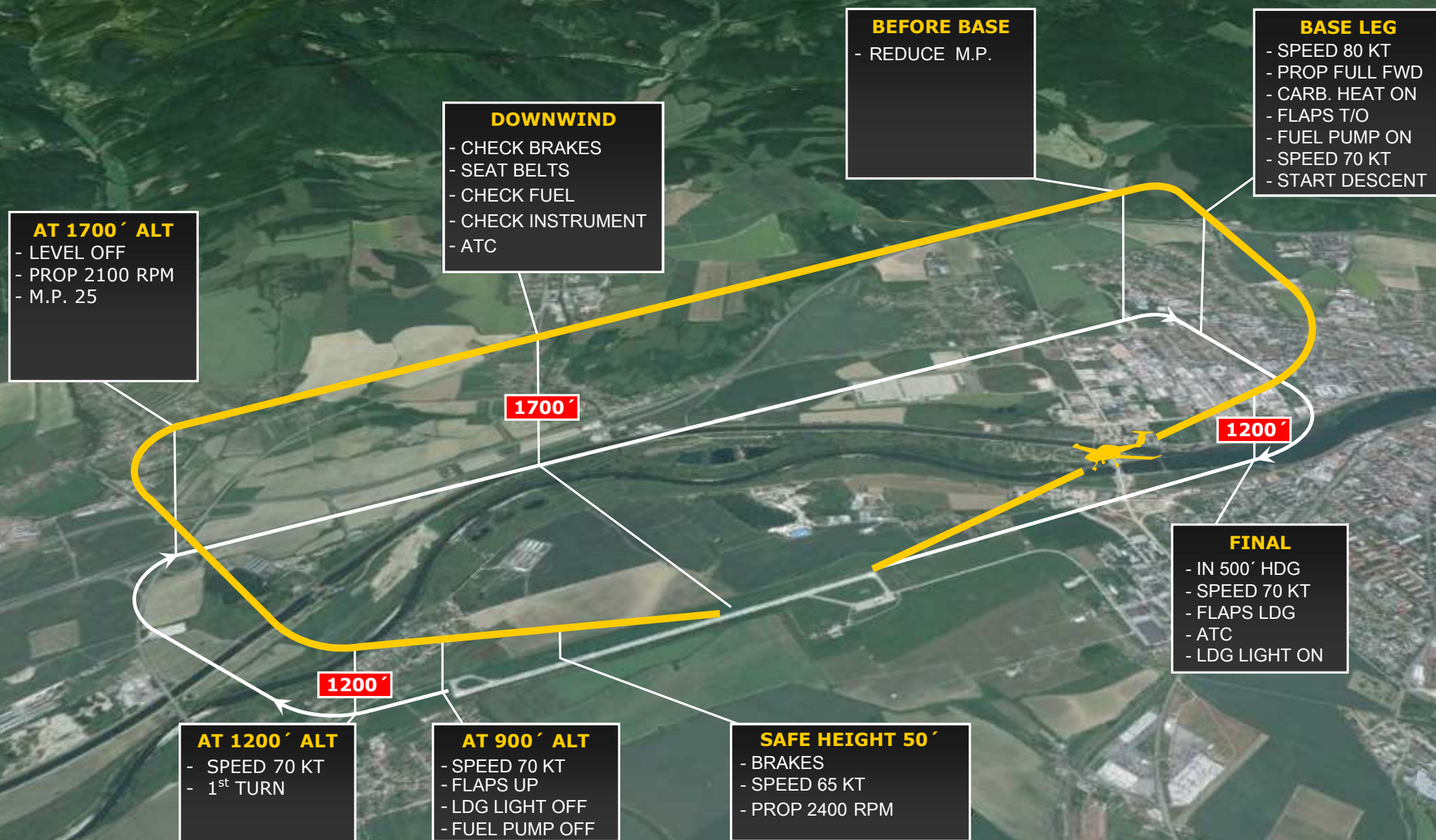
- SAFE HEIGHT**
- SPEED 65 KT
 - PROP 2400 RPM

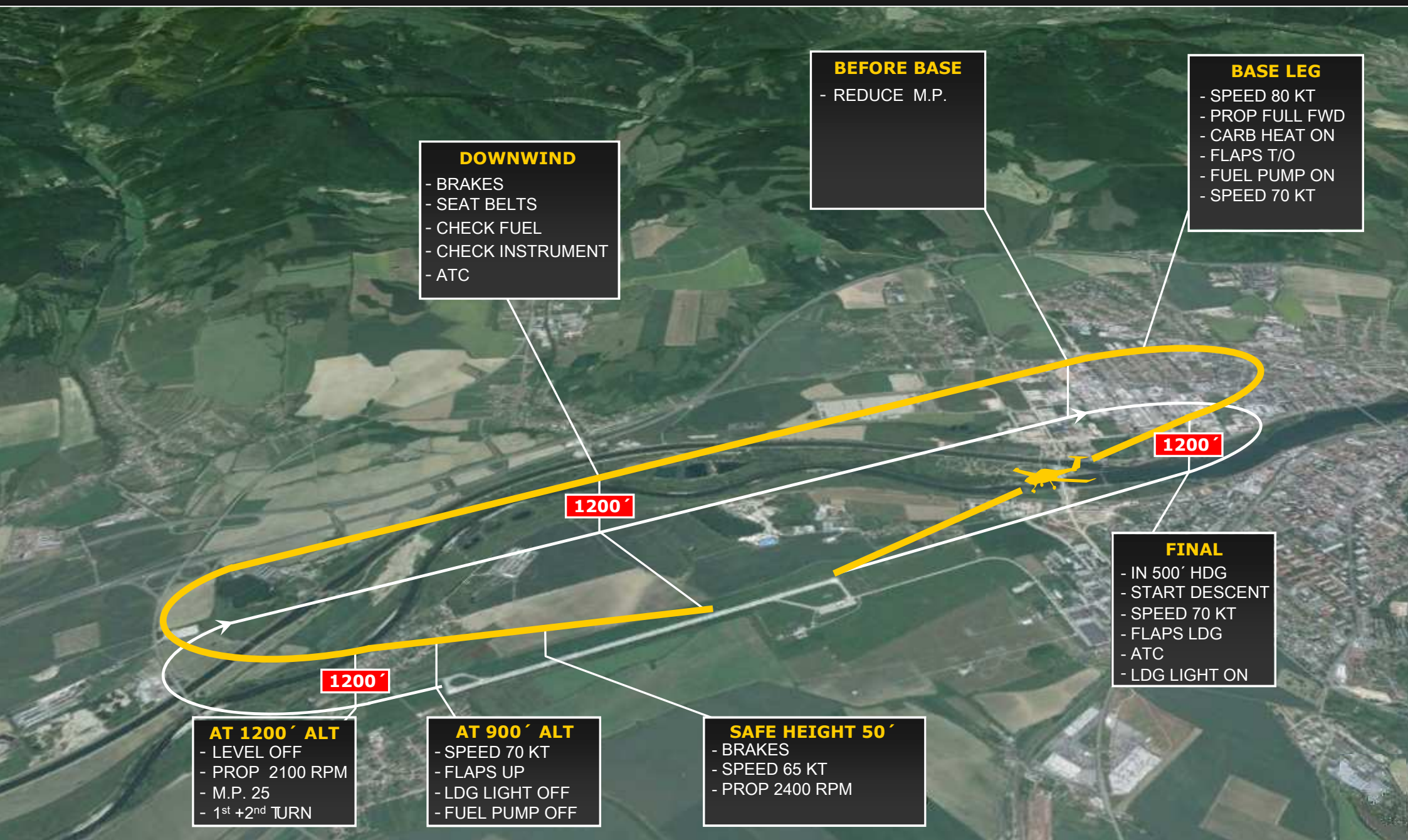
- INITIAL CLIMB**
- SPEED 65 KT
 - START CLIMB

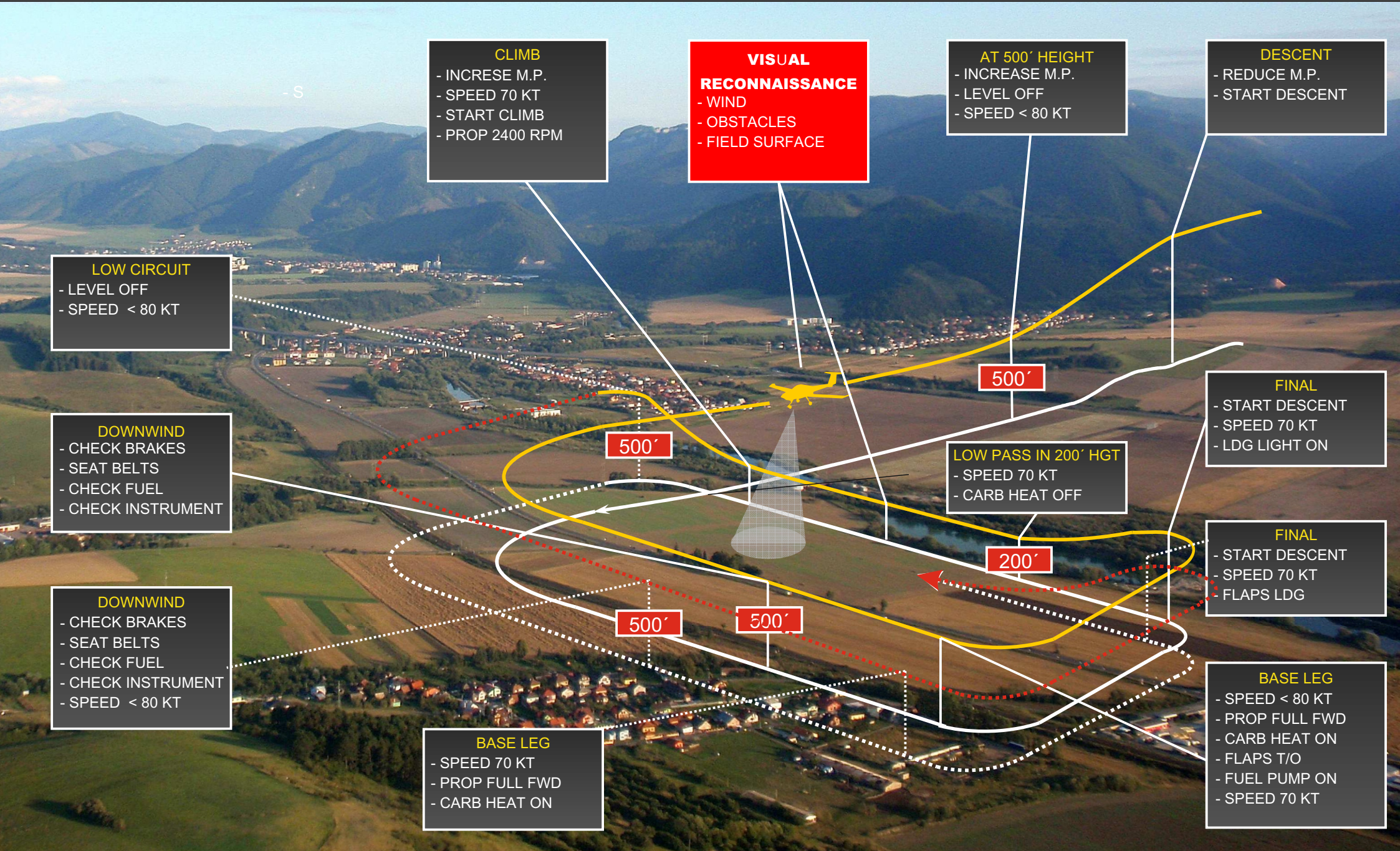
- GO AROUND**
- FULL POWER
 - CARB HEAT OFF
 - FLAPS T/O
 - INCREASE SPD TO 65 KT

- ON FINAL**
- SPEED 70 KT
 - MAX -1000 FPM
 - FLAPS LDG
 - ATC
 - LDG LIGHT ON

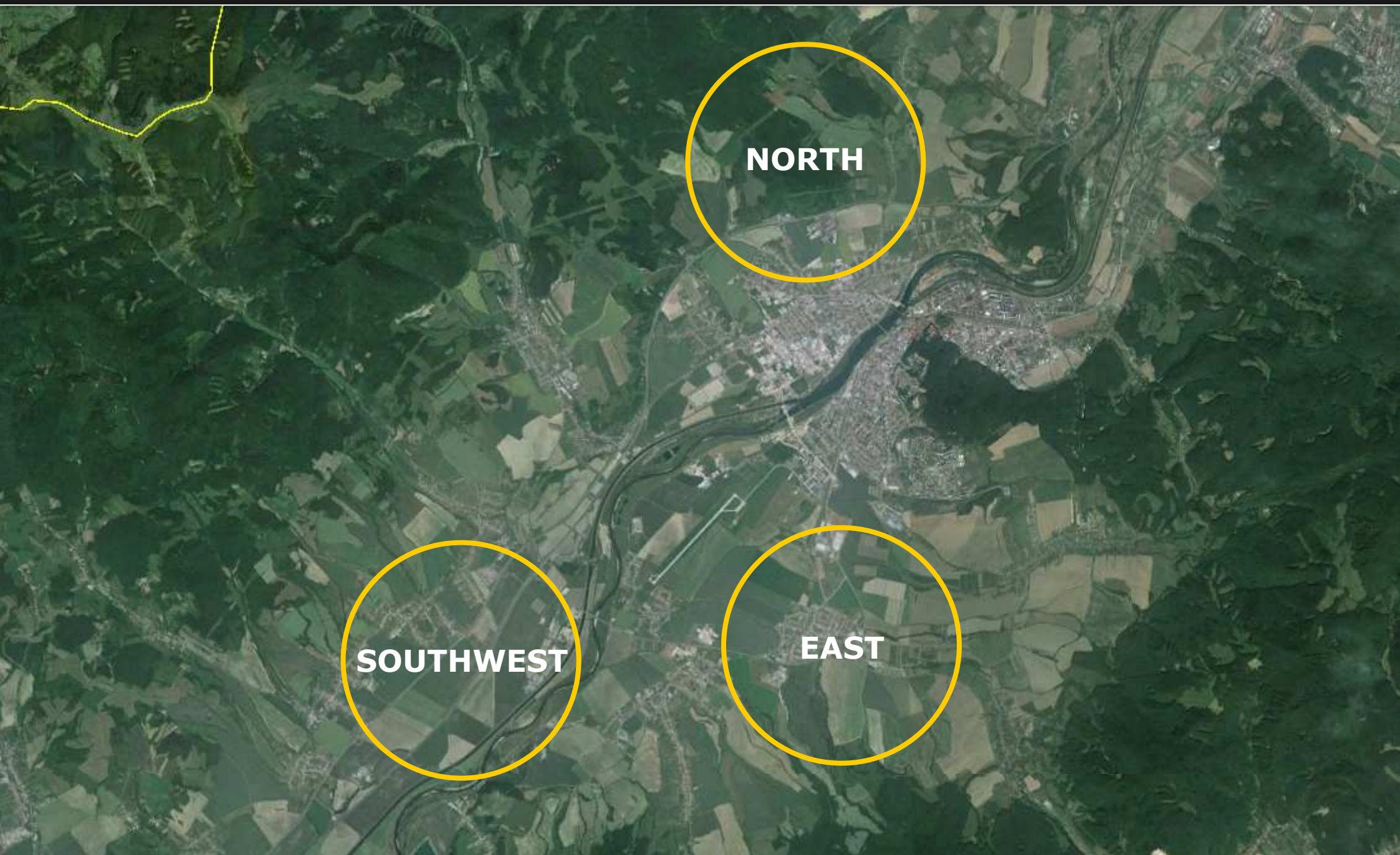












NORTH

SOUTHWEST

EAST



