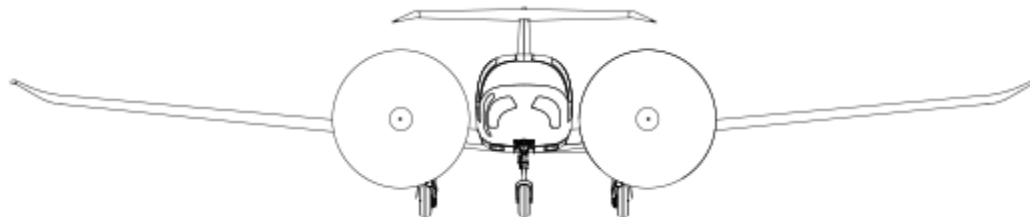


# DA62



## *Flight Patterns*

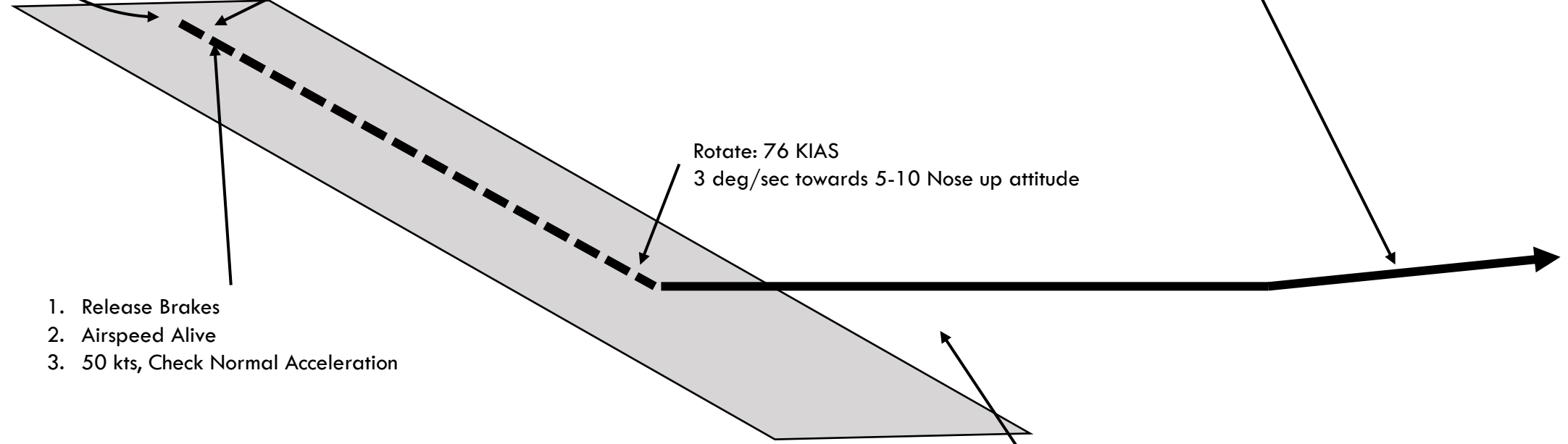


# Normal Take Off

Line up with Centerline
1. Check Instruments & gauges, set heading bug

Set Take Off Throttle and Confirm
1. Hold brakes initially
2. Throttles: Set thrust for takeoff
3. Power: 100%
4. Gauges: Green

Safe Altitude (Considering Terrain/ Obstacles) no turns below 400' AGL
1. Speed: 100KIAS
2. Flaps up
3. Power: 90%

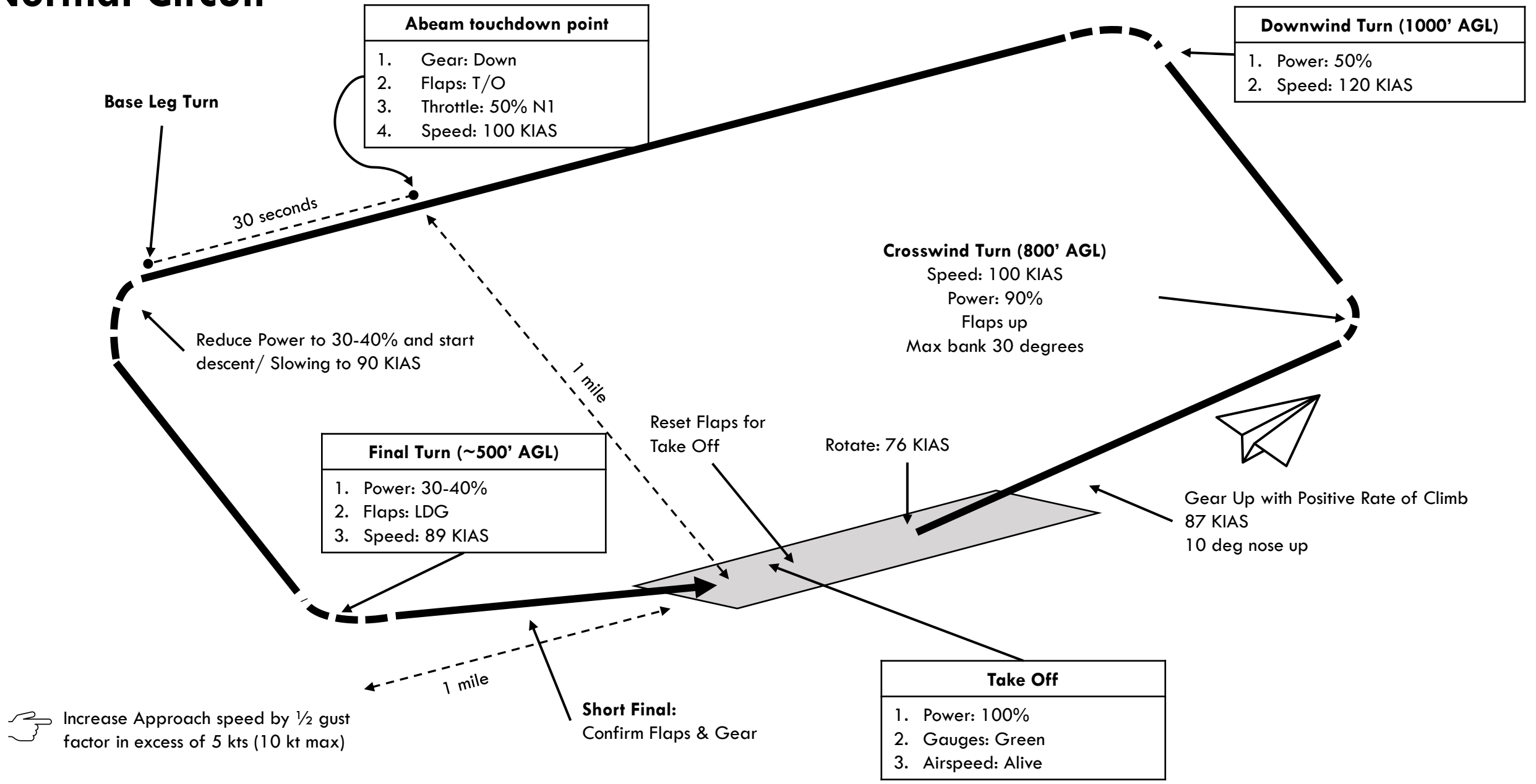


1. Release Brakes  
2. Airspeed Alive  
3. 50 kts, Check Normal Acceleration

Rotate: 76 KIAS  
3 deg/sec towards 5-10 Nose up attitude

Gear Up with Positive Rate of Climb  
87 KIAS  
~10 deg. Nose up

# Normal Circuit



**DA62**

# Normal VFR Landing

Clean config  
Power: ~50%  
120-130 KIAS

1500' AGL Abeam touchdown point	
1.	Gear: Down
2.	Flaps: T/O
3.	Throttle: 50% N1
4.	Speed: 100 KIAS

Downwind	
1.	Speed: 120 KIAS

Base Leg Turn

30 seconds

Reduce Power to 30-40% and start descent/ Slowing to 90 KIAS

Final Turn (~500' AGL)	
1.	Power: 30-40%
2.	Flaps: LDG
3.	Speed: 89 KIAS


Missed Approach	
1.	Power: 100%
2.	Pitch: 8-10 deg nose up
3.	Gear Up/Flaps: APP

### Safe Altitude:

- Speed: 100KIAS
- Flaps up
- Power: 90%

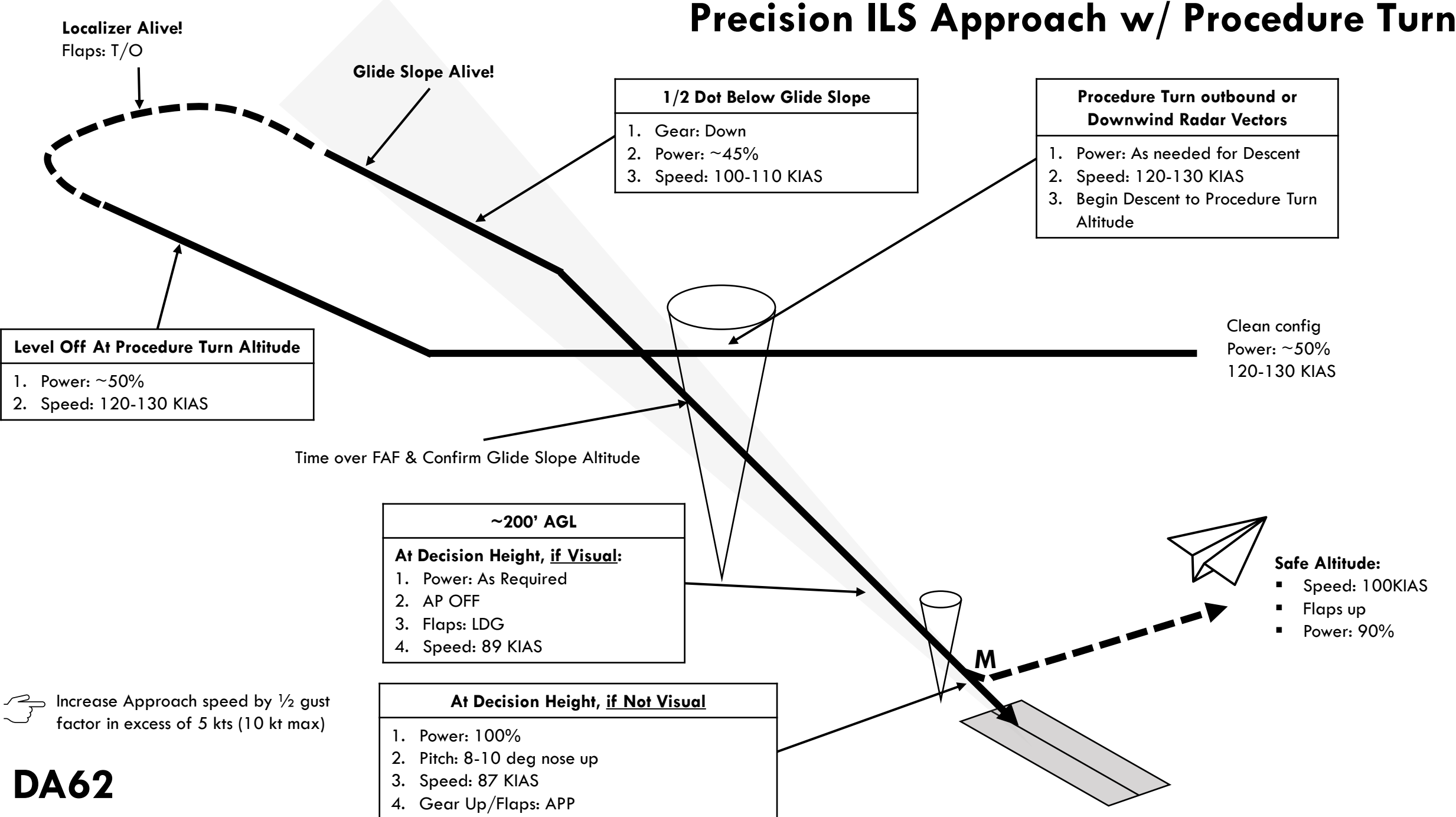
1 mile

Short Final:  
Confirm Flaps & Gear

 Increase Approach speed by 1/2 gust factor in excess of 5 kts (10 kt max)

# DA62

# Precision ILS Approach w/ Procedure Turn



Localizer Alive!  
Flaps: T/O

Glide Slope Alive!

**1/2 Dot Below Glide Slope**

1. Gear: Down
2. Power: ~45%
3. Speed: 100-110 KIAS

**Procedure Turn outbound or Downwind Radar Vectors**

1. Power: As needed for Descent
2. Speed: 120-130 KIAS
3. Begin Descent to Procedure Turn Altitude

**Level Off At Procedure Turn Altitude**

1. Power: ~50%
2. Speed: 120-130 KIAS

Clean config  
Power: ~50%  
120-130 KIAS

Time over FAF & Confirm Glide Slope Altitude

**~200' AGL**

**At Decision Height, if Visual:**

1. Power: As Required
2. AP OFF
3. Flaps: LDG
4. Speed: 89 KIAS

**At Decision Height, if Not Visual**

1. Power: 100%
2. Pitch: 8-10 deg nose up
3. Speed: 87 KIAS
4. Gear Up/Flaps: APP

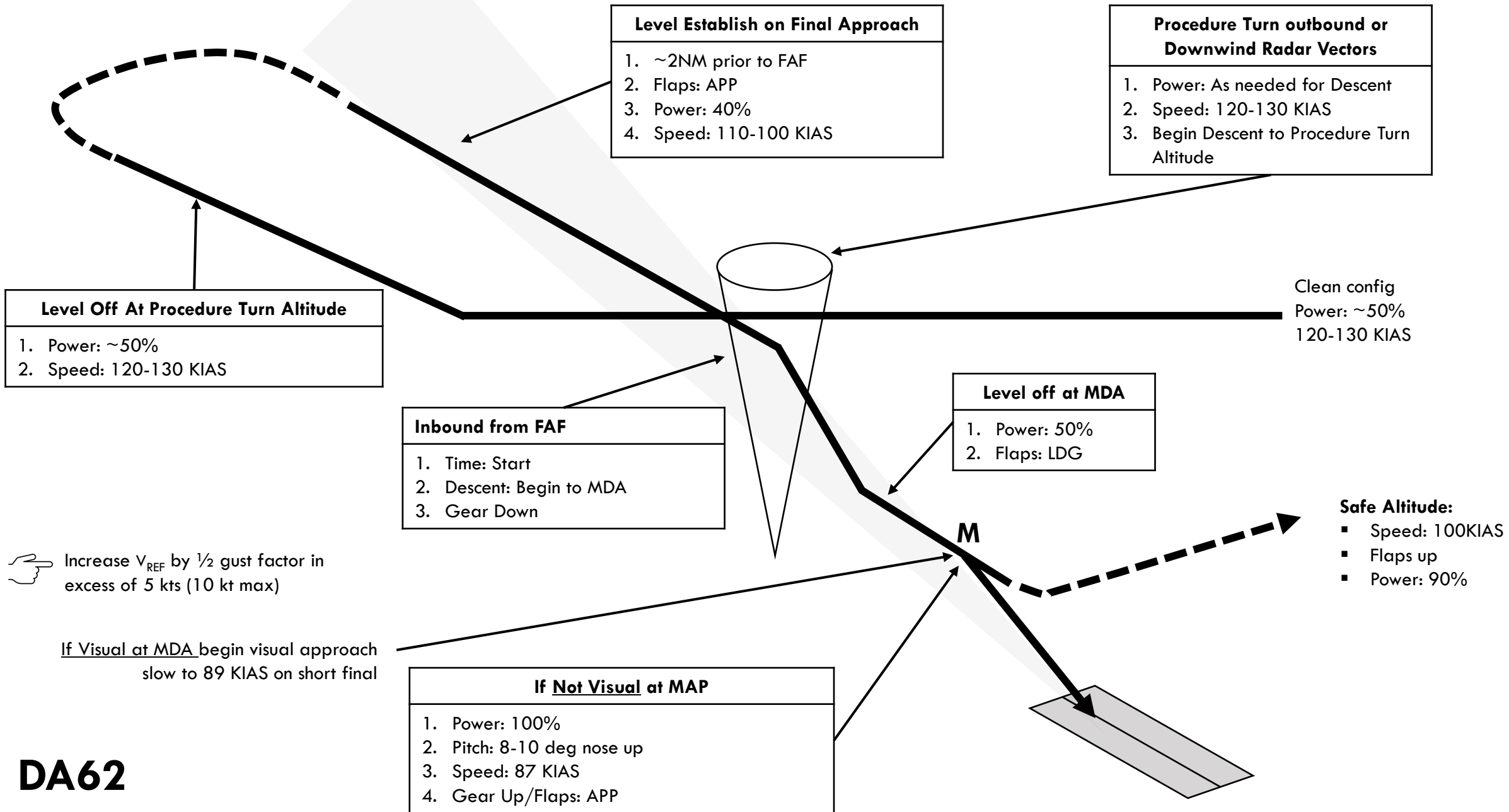
**Safe Altitude:**

- Speed: 100KIAS
- Flaps up
- Power: 90%

☞ Increase Approach speed by 1/2 gust factor in excess of 5 kts (10 kt max)

**DA62**

# Non-Precision Approach



**Level Establish on Final Approach**

1. ~2NM prior to FAF
2. Flaps: APP
3. Power: 40%
4. Speed: 110-100 KIAS

**Procedure Turn outbound or Downwind Radar Vectors**

1. Power: As needed for Descent
2. Speed: 120-130 KIAS
3. Begin Descent to Procedure Turn Altitude

**Level Off At Procedure Turn Altitude**

1. Power: ~50%
2. Speed: 120-130 KIAS

Clean config  
Power: ~50%  
120-130 KIAS

**Inbound from FAF**

1. Time: Start
2. Descent: Begin to MDA
3. Gear Down

**Level off at MDA**

1. Power: 50%
2. Flaps: LDG

Increase  $V_{REF}$  by  $\frac{1}{2}$  gust factor in excess of 5 kts (10 kt max)

If Visual at MDA begin visual approach slow to 89 KIAS on short final

**If Not Visual at MAP**

1. Power: 100%
2. Pitch: 8-10 deg nose up
3. Speed: 87 KIAS
4. Gear Up/Flaps: APP

**Safe Altitude:**

- Speed: 100KIAS
- Flaps up
- Power: 90%