

# CYPRUS – ROAD BASES



**BY MIGHTYMOO**

# OVERVIEW

Roadbase	Location	Coordinates (EastNorth)	Height (m)	Length (m)	Heading	Surface, width	Remarks
#02	Larnaca	333817 345637	7	660	285	Paved, 16 m	Town
#03	Akrotiri	331051 344307	43	790	257	Paved, 16 m	Powerlines!
#04	Akrotiri	330652 344231	18	1000	260	Paved, 16 m	Red smoke
#05	Akrotiri	325658 343811	7	650	289	Paved, 8 m	Trees!
#06	Paphos	323952 344644	194	900	261	Paved, 8 m	
#07	Paphos	323224 344259	16	720	302	Paved, 16 m	
#08	Paphos	321802 350347	195	970	003	Dirt, 8 m	Incline! Level approach and more speed.
#09	Nicosia	331145 350936	208	740	088	Paved, 16 m	
#11	Lakatamia	332303 350235	220	830	013	Paved, 30 m	
#12	Pinarbashi	332324 351526	228	780	327	Paved, 8 m	Lightpoles, land early. Orange smoke
#14	Gecitkale	340318 352836	13	960	244	Paved, 8 m	Land after flags!
#15	Gecitkale	341324 353320	11	715	097	Paved, 16 m	Early! Bump at 500 m! Orange smoke
#16	Gecitkale	342021 353215	15	630	050	Paved, 16 m	Difficult approach
#17	Kingsfield	335103 350559	10	740	56	Dirt, 8 m	Low approach recommended
#18	Kingsfield	335217 350713	12	640	194	Dirt, 8 m	Narrow past guardtower!

# ROADBASE #02



Larnaca(7.9.SSW)

TS: 0 kmh | HDG: 285° (WNW) | PTH: -11°  
ALT: 68 m | LOC: 34°56'32"N 33°38'42"E | BNK: 0°

08.06.12  
F1121/06/2016

## DIFFICULTY: MEDIUM



# ROADBASE #03



Akrotiri(23.7.SW)

TS: 0kmh HDG:258°(WSW)  
ALT: 86m LOC:34°43'14"N 33°11'23"E

PTH: -1°  
BNK: 0°

08-07-05  
F1121/06/2016

## DIFFICULTY: MEDIUM



# ROADBASE #04



Akrotiri (18.4.SW)

TS: 0 km/h HDG: 260° (W)  
ALT: 47 m LOC: 34° 42' 36" N 33° 07' 19" E

PTH: -3°  
BNK: 0°

08:13:00  
F1121/06/2016

## DIFFICULTY: MEDIUM



# ROADBASE #05



Akrotiri (6.2 SSE)

TS: 0 kmh | HDG: 290° (WNW)  
ALT: 39m | LOC: 34°38'06"N 32°57'20"E

PTH: -7°  
BNK: 0°

08:00:46  
F1121/06/2016

## DIFFICULTY: HARD



# ROADBASE #06



Paphos(18.2,WSW)

TS: 0kmh HDG:262°(W)  
ALT: 233m LOC:34°46'48"N 32°40'17"E

PTH: -9°  
BNK: 0°

08:03:32  
F1121/06/2016

## DIFFICULTY: EASY



# ROADBASE #07



Paphos(5.7.W)

TS: 17 kmh  
ALT: 62 m  
HDG: 304°(NW)  
LOC: 34°42'43"N 32°33'00"E

PTH: -5°  
BNK: 0°

08:05:40  
F1121/06/2016

## DIFFICULTY: MEDIUM



# ROADBASE #08



Paphos (41.3, SSE)

TS: 0 kmh | HDG: 002°(N) | PTH: -9°  
ALT: 222 m | LOC: 35°03'21"N 32°18'02"E | BNK: 0°

08:08:01  
F1121/06/2016

## DIFFICULTY: HARD



# ROADBASE #09



Nicosia(7.9.E)

TS: 17 kmh | HDG: 090°(E)  
ALT: 246m | LOC: 35°09'34"N 33°11'20"E

PTH: -8°  
BNK: 0°

08:10:44  
F1121/06/2016

## DIFFICULTY: MEDIUM



# ROADBASE #11



Lakatamia(9.2,NNW)

TS: 0 kmh | HDG: 013°(NNE) | PTH: -10°  
ALT: 268 m | LOC: 35°02'17"N 33°22'59"E | BNK: 0°

08:12:50  
F1121/06/2016

## DIFFICULTY: MEDIUM



# ROADBASE #12



Pinarbashi (14.3.W)

TS: 0 km/h HDG: 328°(NNW) PTH: -2°  
ALT: 242 m LOC: 35°15'10"N 33°23'39"E BNK: 0°

08:16:47  
F1121/06/2016

## DIFFICULTY: HARD



# ROADBASE #14



Gecikale(41.4,SW)

TS: 0 kmh HDG: 245° (WSW) PTH: -7°  
ALT: 56 m LOC: 35°28'50"N 34°03'50"E BNK: 0°

08:00:40  
F1121/06/2016

## DIFFICULTY: MEDIUM



# ROADBASE #15



Gecikale(57.6.SW)

TS: 0 kmh | HDG: 097°(E) | PTH: -8°  
ALT: 38 m | LOC: 35°33'21"N 34°13'07"E | BNK: 0°

08:05:34  
F1121/06/2016

## DIFFICULTY: MEDIUM



# ROADBASE #16



Gecikale(65.0 WSW)

TS: 0 kmh | HDG: 052°(NE)  
ALT: 52 m | LOC: 35°32'05"N 34°20'07"E

PTH: -7°  
BNK: 0°

08.01.07  
F1121/06/2016

## DIFFICULTY: HARD



# ROADBASE #17



Kingsfield (14.9 SW)

TS: 0 kmh | HDG: 056° (ENE) | PTH: -11°  
ALT: 49 m | LOC: 35°05'48"N 33°50'46"E | BNK: 0°

08:03:19  
F1121/06/2016

## DIFFICULTY: HARD



# ROADBASE #18



Gedkale(18.2,NW)

TS: 0 kmh HDG: 192°(SSW)  
ALT: 28 m LOC: 35°07'31"N 33°52'22"E

PTH: -2°  
BNK: 0°

08:00:45  
F1121/06/2016

## DIFFICULTY: VERY HARD



# ROAD BASE LANDING – CHECK LIST

1. Selector knob to **REF/LOLA + INPUT**
2. Enter **coordinates**: East coord first, North coord second
3. Press **L/MÅL**
4. Selector knob to **AKT/POS + OUTPUT**
5. Selector knob to **BANA/GRÄNS + INPUT**
6. Enter **runway heading** in 4-digits (e.g 105 = 1050)
7. Press **L/MÅL**
8. Selector knob to **AKT/POS + OUTPUT**
9. Set correct **QFE** (calculate or check kneeboard)
10. HUD DOWN
11. Reduce airspeed to **550 km/h** (manually or with AFK)
12. Reverse thrust **ON**
13. Set **SLAV SI** to T (till)
14. Set **HÖYD CI SI** to RHM (radar altimeter)
15. **Extend gear** at 550 km/h
16. Set Landing/Taxi (Strålkast ) **Lights Switch – ON** (DOWN)
17. Master Mode to **NAV**
18. Turn Radar to **Mode A1**
19. Set Navigaton Data selector to **AKT POS** and press **L/MÅL** to select WP L1
20. Navigate towards **WP L1**
  - a. Follow heading in ADI
  - b. Line up with Runway Centerline
  - c. Set HUDs velocity vector at center of pole tracks
21. Maintain speed of 550 km/h
22. Master Mode to **LAND NAV** (WP changes from L1 to LB1).
23. Navigate towards **LB1** (Approach Waypoint)
24. Time line appears 40 secs before decent. Follow decent (4 degrees) to 500 meters
25. When passing **LB1** WP changes to **LF1** (Touchdown WP)
26. Keep **500 meters** altitude until new "Time Line Marker" is completed
27. Place **flight path marker on runway** and line up for final approach. AoA max 12 degrees.
28. When on final, keep **Flight Path Vector** on start of runway and **line path glide line** at start of runway.
29. 15 meter above ground: Flight Path Vector changes to a "**sink rate indicator**". Keep sink rate above the glide slope line (3 m/s decent) for smooth touchdown
30. The AFK gets disabled when the front wheel hits the ground and the thrust reverser turns on at full power.

**NOTE:** See Chuck's excellent "Viggen guide" page 114-124 for images and more detailed instructions.



# EASY WAY TO CALCULATE QFE

QFE = QNH minus (target elevation in meters divided by 9.3)



## Example:

Roadbase/target at 500 meter altitude. QNH 1012 (found on "Backup Altimeter" at ground start or kneeboard)

$$\text{QFE} = 1012.0 - (500/9.3)$$

$$\text{QFE} = 1012.0 - 53.8$$

$$\text{QFE} = 958.2$$