

# LTAC - Ankara - Esenboga

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## Airport details

State	Ankara
Country	Turkey
Region	LT
Elevation	3125ft (952m)
Timezone	GMT +3
Coordinates	40.13108, 32.99089
Type	land
ICAO code	LTAC
IATA code	ESB
FAA code	n/a

## Runway info

Runway 03R / 21L	
length	3750m (12303ft)
bearing	44° / 224°
width	59m (194ft)
surface	asphalt
blast zone	65m (213ft) / 60m (197ft)
Runway 03L / 21R	
length	3389m (11119ft)
bearing	44° / 224°
width	45m (148ft)
surface	concrete
blast zone	0m (0ft) / 57m (187ft)
Runway 03 / 21	
length	3752m (12310ft)
bearing	44° / 224°
width	45m (148ft)
surface	asphalt
blast zone	60m (197ft) / 60m (197ft)

## Communication

Esenboga ATIS	123.600
Esenboga ATIS	123.600
Esenboga ATIS	123.600
Esenboga ATIS	123.600
Esenboga GND	121.900
Esenboga GND	121.900
Esenboga GND	121.900
Esenboga GND	121.900
Esenboga TWR	118.100

Esenboga TWR	118.100
Esenboga TWR	118.100
Esenboga TWR	118.100
Esenboga APP	122.100
Esenboga APP	120.600
Esenboga APP	119.600
Esenboga APP	120.600
Esenboga APP	119.600
Esenboga APP	122.100
Esenboga APP	119.600
Esenboga APP	122.100
Esenboga APP	120.600
Esenboga APP	119.600
Esenboga APP	120.600
Esenboga APP	122.100
Esenboga DEP	119.100
Esenboga DEP	119.100
Esenboga DEP	119.100
Esenboga DEP	119.100

## Approach frequencies

ILS-cat-III	03R	110.3	18.00mi
ILS-cat-II	03L	108.9	18.00mi
ILS-cat-I	21R	108.3	18.00mi
ILS-cat-I	21L	108.1	18.00mi
3° GS	03L	108.9	18.00mi
3° GS	03R	110.3	18.00mi
3° GS	21R	108.3	18.00mi
3° GS	21L	108.1	18.00mi

## Nearby beacons

code	identifier	dist	bearing	frequency
ESB	ESENBOGA (ANKARA) VOR/DME	1.3	54.2°	112.10
NK	ESENBOGA (ANKARA) NDB	1.5	210.8°	305
AN	ESENBOGA (ANKARA) NDB	4.9	219.7°	285
BUK	CUBUK (ANKARA) NDB	8.4	45.8°	425
BAG	BAGLUM (ANKARA) VOR/DME	9	251.2°	113.10
ANK	ANKARA NDB	13	222.4°	356
ETI	ANKARA-ETIMESGUT TACAN	17.8	241.2°	116.60
ZIR	MURTED TACAN	19.2	263.8°	114.50
GBI	GOLBASI NDB	26.3	202.2°	315
HAY	HAYMANA NDB	47.2	214.7°	350

## Departure and arrival routes

Transition altitude

10000ft

### SID end points

distance

outbound direction

RW03 (ALL)

ASTA1A, ASTA1C	37.1	12°
ILHA1C, ILHA1A	37.6	66°
GURB1A, GURB1C	38.7	87°
GOBI1C	46.4	112°
KUBE1A	33.6	116°
BALA1C	54.4	130°
YUCE1A	43.0	133°
BAKI1A	44.3	154°
AZBU1C	48.1	154°
ERKU1C	55.0	183°
TELV1A	45.7	185°
HALI1A, HALI1C, HALI1U	53.2	221°
UMRU1C	51.1	273°
PETA1A	41.8	273°
LATG1A	42.9	283°
ABIS1C	49.5	283°
YAVR1C	59.5	291°
SALG1A	41.6	293°
DERE1C, DERE1A	50.5	306°

RW21 (ALL)

ASTA1B	37.1	12°
NEMR1D	47.6	15°
ILHA1B	37.6	66°
EKME1D	49.0	69°
GURB1B	38.7	87°
BENT1D	44.3	89°
GOBI1D	46.4	112°
KUBE1B	33.6	116°
BALA1D	54.4	130°
YUCE1B	43.0	133°
BAKI1B	44.3	154°
AZBU1D	48.1	154°
TELV1D, TELV1B	45.7	185°
HALI1B, HALI1D	53.2	221°
PETA1D, PETA1B	41.8	273°
LATG1D, LATG1B	42.9	283°
YAVR1D	59.5	291°
SALG1B	41.6	293°
DERE1B, DERE1D	50.5	306°

### STAR starting points

distance

inbound direction

RW03 (ALL)

ERKU1K	55.0	3°
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TELV1E, TELV1F	45.7	5°
HALI1E, HALI1K, HALI1F, HALI2K	53.2	41°
PETA1E, PETA1F, PETA1K	41.8	93°
LATG1K	42.9	103°
KIZI1F, KIZI1E	42.2	109°
YAVR1K	59.5	111°
SALG1E, SALG1F	41.6	113°
NASI1E, NASI1F	40.0	124°
DERE1K	50.5	126°
ASTA1E, ASTA1F	37.1	192°
NEMR1K	47.6	195°
ILHA1F, ILHA1E	37.6	246°
EKME1K	49.0	249°
GURB1K, GURB1E, GURB1F	38.7	267°
GOBI1K	46.4	292°
KUBE1F, KUBE1E	33.6	296°
YUCE1K, YUCE1F, YUCE1E	43.0	313°
ARMU1K	59.2	331°
BAKI1E, BAKI1F	44.3	334°
RW21 (ALL)		
TELV1N, TELV1P, TELV1G	45.7	5°
HALI1P, HALI1N, HALI1M, HALI1G	53.2	41°
UMRU1P	51.1	93°
PETA1N, PETA1G	41.8	93°
LATG1P	42.9	103°
KIZI1N, KIZI1G	42.2	109°
YAVR1P	59.5	111°
SALG1G, SALG1N	41.6	113°
NASI1G, NASI1N	40.0	124°
DERE1P	50.5	126°
ASTA1P, ASTA1G, ASTA1N	37.1	192°
ILHA1N, ILHA1G, ILHA1P	37.6	246°
GURB1N, GURB1P, GURB1G	38.7	267°
GOBI1P	46.4	292°
KUBE1N, KUBE1G	33.6	296°
YUCE1P, YUCE1N, YUCE1G	43.0	313°
BAKI1G, BAKI1N, BAKI1P	44.3	334°

## Holding patterns

STAR name	hold at	type	turn	heading*	altitude	leg	speed limit
ARMU1K	NETGO	VHF	left	121 (301)°	> 10000ft	1.0min timed	ICAO rules
ASTA1E	ANK	FIX	left	212 (32)°	> 6500ft	1.0min timed	ICAO rules
ASTA1F	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230

ASTA1G	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
ASTA1N	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules
ASTA1P	MELLI	VHF	left	301 (121)°	> 10000ft	1.0min timed	ICAO rules
BAKI1E	ANK	FIX	left	212 (32)°	> 6500ft	1.0min timed	ICAO rules
BAKI1F	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
BAKI1G	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
BAKI1N	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules
BAKI1P	SALAZ	VHF	right	122 (302)°	> 10000ft	1.0min timed	ICAO rules
DERE1K	TABIP	VHF	right	32 (212)°	> 10000ft	1.0min timed	ICAO rules
DERE1P	MELLI	VHF	left	301 (121)°	> 10000ft	1.0min timed	ICAO rules
EKME1K	NETGO	VHF	left	121 (301)°	> 10000ft	1.0min timed	ICAO rules
ERKU1K	NETGO	VHF	left	121 (301)°	> 10000ft	1.0min timed	ICAO rules
GOBI1K	NETGO	VHF	left	121 (301)°	> 10000ft	1.0min timed	ICAO rules
GOBI1P	SALAZ	VHF	right	122 (302)°	> 10000ft	1.0min timed	ICAO rules
GURB1E	ANK	FIX	left	212 (32)°	> 6500ft	1.0min timed	ICAO rules
GURB1F	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
GURB1G	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
GURB1K	NETGO	VHF	left	121 (301)°	> 10000ft	1.0min timed	ICAO rules
GURB1N	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules
GURB1P	SALAZ	VHF	right	122 (302)°	> 10000ft	1.0min timed	ICAO rules
HALI1E	ANK	FIX	left	212 (32)°	> 6500ft	1.0min timed	ICAO rules
HALI1F	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
HALI1G	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
HALI1K	NETGO	VHF	left	121 (301)°	> 10000ft	1.0min timed	ICAO rules
HALI1M	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules
HALI1N	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules

HALI1N	HAY	FIX	right	243 (63)°	14000ft - 65535ft	1.5min timed	ICAO rules
HALI1P	SALAZ	VHF	right	122 (302)°	> 10000ft	1.0min timed	ICAO rules
HAY1E	ANK	FIX	left	212 (32)°	> 6500ft	1.0min timed	ICAO rules
HAY1E	HAY	FIX	right	243 (63)°	14000ft - 65535ft	1.5min timed	ICAO rules
HAY1F	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
HAY1G	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
HAY1M	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules
HAY1M	HAY	FIX	right	243 (63)°	14000ft - 65535ft	1.5min timed	ICAO rules
HAY1N	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules
HAY1N	HAY	FIX	right	243 (63)°	14000ft - 65535ft	1.5min timed	ICAO rules
ILHA1E	ANK	FIX	left	212 (32)°	> 6500ft	1.0min timed	ICAO rules
ILHA1E	ILHAN	VHF	left	63 (243)°	10000ft - 14000ft	1.0min timed	ICAO rules
ILHA1F	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
ILHA1G	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
ILHA1N	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules
ILHA1N	ILHAN	VHF	left	63 (243)°	10000ft - 14000ft	1.0min timed	ICAO rules
ILHA1P	SALAZ	VHF	right	122 (302)°	> 10000ft	1.0min timed	ICAO rules
KIZI1E	ANK	FIX	left	212 (32)°	> 6500ft	1.0min timed	ICAO rules
KIZI1F	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
KIZI1G	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
KIZI1N	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules
KUBE1E	ANK	FIX	left	212 (32)°	> 6500ft	1.0min timed	ICAO rules
KUBE1E	KUBER	VHF	left	107 (287)°	10000ft - 13000ft	1.0min timed	ICAO rules
KUBE1F	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
KUBE1G	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
KUBE1N	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules

KUBE1N	KUBER	VHF	left	107 (287)°	10000ft - 13000ft	1.0min timed	ICAO rules
LATG1K	TABIP	VHF	right	32 (212)°	> 10000ft	1.0min timed	ICAO rules
LATG1P	MELLI	VHF	left	301 (121)°	> 10000ft	1.0min timed	ICAO rules
NASI1E	ANK	FIX	left	212 (32)°	> 6500ft	1.0min timed	ICAO rules
NASI1F	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
NASI1G	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
NASI1N	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules
NEMR1K	TABIP	VHF	right	32 (212)°	> 10000ft	1.0min timed	ICAO rules
PETA1E	ANK	FIX	left	212 (32)°	> 6500ft	1.0min timed	ICAO rules
PETA1F	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
PETA1G	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
PETA1K	TABIP	VHF	right	32 (212)°	> 10000ft	1.0min timed	ICAO rules
PETA1N	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules
SALG1E	ANK	FIX	left	212 (32)°	> 6500ft	1.0min timed	ICAO rules
SALG1F	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
SALG1G	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
SALG1N	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules
TELV1E	ANK	FIX	left	212 (32)°	> 6500ft	1.0min timed	ICAO rules
TELV1F	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
TELV1G	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
TELV1N	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules
TELV1P	SALAZ	VHF	right	122 (302)°	> 10000ft	1.0min timed	ICAO rules
UMRU1P	MELLI	VHF	left	301 (121)°	> 10000ft	1.0min timed	ICAO rules
YAVR1K	TABIP	VHF	right	32 (212)°	> 10000ft	1.0min timed	ICAO rules
YAVR1P	MELLI	VHF	left	301 (121)°	> 10000ft	1.0min timed	ICAO rules
YUCE1E	ANK	FIX	left	212 (32)°	> 6500ft	1.0min timed	ICAO rules

YUCE1F	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
YUCE1G	ESB	NDB	right	32 (212)°	> 7000ft	1.0min timed	230
YUCE1K	NETGO	VHF	left	121 (301)°	> 10000ft	1.0min timed	ICAO rules
YUCE1N	BUK	FIX	left	32 (212)°	> 6800ft	1.0min timed	ICAO rules
YUCE1P	SALAZ	VHF	right	122 (302)°	> 10000ft	1.0min timed	ICAO rules

\*) magnetic outbound (inbound) holding course

## Disclaimer

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