

# LIRS - Grosseto - Grosseto

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## Airport details

State	Tuscany
Country	Italy
Region	LI
Elevation	15ft (5m)
Timezone	GMT +1
Coordinates	42.75975, 11.07190
Type	land
ICAO code	LIRS
IATA code	GRS
FAA code	n/a

## Runway info

Runway 03 / 21	
length	3005m (9859ft)
bearing	39° / 219°
width	45m (148ft)
surface	asphalt
displacement threshold	98m (322ft) / 10m (33ft)
blast zone	4m (13ft) / 0m (0ft)

## Communication

Grosseto TWR	128.100
Grosseto TWR	122.100
Grosseto TWR	128.100
Grosseto TWR	122.100
Grosseto TWR	128.100
Grosseto TWR	122.100
Grosseto TWR	128.100
Grosseto TWR	122.100
Grosseto APP	122.100
Grosseto APP	122.100
Grosseto APP	122.100
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## Approach frequencies

ILS-cat-I	03L	111.15	18.00mi
3° GS	03L	111.15	18.00mi

## Nearby beacons

code	identifier	dist	bearing	frequency
GRO	GROSSETO VORTAC	0.2	78°	109.85
ELB	ELBA VORTAC	29.8	267.5°	114.70
TAQ	TARQUINIA VOR/DME	43.8	129.5°	111.80
VIB	VITERBO NDB	47.5	107.9°	480
PIS	PISA NDB	60.2	316.9°	379
PIS	PISA VOR/DME	62.5	323.4°	112.10
PIN	PISA TACAN	64.1	326.3°	108.30

## Departure and arrival routes

Transition altitude 6000ft

### SID end points

	distance	outbound direction
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RW03L

GIKI7S	43.9	98°
BAMV5S	14.9	200°
UPAD5S	14.7	268°
LOME5S	76.1	357°

RW21R

GIKI7W	43.9	98°
BAMV5W	14.9	200°
UPAD5W	14.7	268°
LOME5W	76.1	357°

### STAR starting points

	distance	inbound direction
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RW03L

BAMV1B, BAMV1E	14.9	20°
UPAD1E, UPAD1B	14.7	88°
PIS1B, PIS1E	60.2	137°
LOME1B, LOME1E	76.1	177°
GIKI3B, GIKI1E	43.9	278°

## Holding patterns

STAR name	hold at	type	turn	heading*	altitude	leg	speed limit
BAMV1B	GRO	NDB	left	65 (245)°	> 3000ft	1.0min timed	ICAO rules
BAMV1E	MEFFE	VHF	right	350 (170)°	> 3000ft	DME 4.0mi	265
GIKI1E	MEFFE	VHF	right	350 (170)°	> 3000ft	DME 4.0mi	265
GIKI3B	GRO	NDB	left	65 (245)°	> 3000ft	1.0min timed	ICAO rules
LOME1B	GRO	NDB	left	65 (245)°	> 3000ft	1.0min timed	ICAO rules

LOME1E	MEFFE	VHF	right	350 (170)°	> 3000ft	DME 4.0mi	265
PIS1B	GRO	NDB	left	65 (245)°	> 3000ft	1.0min timed	ICAO rules
PIS1E	MEFFE	VHF	right	350 (170)°	> 3000ft	DME 4.0mi	265
UPAD1B	GRO	NDB	left	65 (245)°	> 3000ft	1.0min timed	ICAO rules
UPAD1E	MEFFE	VHF	right	350 (170)°	> 3000ft	DME 4.0mi	265

\*) magnetic outbound (inbound) holding course

## Disclaimer

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## To be used with X-Plane simulation only