

# LIRP - Pisa

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## Airport details

|             |                    |
|-------------|--------------------|
| State       | Tuscany            |
| Country     | Italy              |
| Region      | LI                 |
| Elevation   | 2ft (1m)           |
| Timezone    | GMT +1             |
| Coordinates | 43.68275, 10.39551 |
| Type        | land               |
| ICAO code   | LIRP               |
| IATA code   | PSA                |
| FAA code    | n/a                |

## Runway info

|                        |                             |
|------------------------|-----------------------------|
| Runway 04L / 22R       |                             |
| length                 | 2738m (8983ft)              |
| bearing                | 46° / 226°                  |
| width                  | 45m (148ft)                 |
| surface                | asphalt                     |
| displacement threshold | 238m (781ft) / 0m (0ft)     |
| blast zone             | 127m (417ft) / 58m (190ft)  |
| Runway 04R / 22L       |                             |
| length                 | 2994m (9823ft)              |
| bearing                | 46° / 226°                  |
| width                  | 45m (148ft)                 |
| surface                | asphalt                     |
| displacement threshold | 143m (469ft) / 255m (837ft) |
| blast zone             | 128m (420ft) / 60m (197ft)  |

## Communication

|          |         |
|----------|---------|
| Pisa GND | 121.600 |
| Pisa GND | 121.600 |
| Pisa GND | 121.600 |
| Pisa GND | 121.600 |
| Pisa TWR | 122.100 |
| Pisa TWR | 119.100 |
| Pisa TWR | 122.100 |
| Pisa TWR | 119.100 |
| Pisa TWR | 119.100 |
| Pisa TWR | 122.100 |
| Pisa TWR | 122.100 |
| Pisa TWR | 119.100 |
| Pisa APP | 122.100 |

|          |         |
|----------|---------|
| Pisa APP | 124.275 |
| Pisa APP | 126.075 |
| Pisa APP | 124.275 |
| Pisa APP | 122.100 |
| Pisa APP | 124.275 |
| Pisa APP | 126.075 |
| Pisa APP | 124.275 |
| Pisa APP | 122.100 |
| Pisa APP | 122.100 |
| Pisa APP | 126.075 |
| Pisa APP | 126.075 |

## Approach frequencies

|            |     |       |         |
|------------|-----|-------|---------|
| ILS-cat-II | 04R | 108.7 | 18.00mi |
| 3° GS      | 04R | 108.7 | 18.00mi |

## Nearby beacons

| code | identifier                  | dist | bearing | frequency |
|------|-----------------------------|------|---------|-----------|
| PIS  | PISA VOR/DME                | 0.4  | 212.6°  | 112.10    |
| PIN  | PISA TACAN                  | 2.7  | 44.4°   | 108.30    |
| PIS  | PISA NDB                    | 7    | 226.4°  | 379       |
| SAZ  | SARZANA TACAN               | 30.7 | 310.7°  | 111.10    |
| PRT  | PERETOLA (FLORENCE) VOR/DME | 35.7 | 81°     | 112.50    |
| ELB  | ELBA VORTAC                 | 57.1 | 179.9°  | 114.70    |
| GRO  | GROSSETO VORTAC             | 62.8 | 143.5°  | 109.85    |
| BOA  | BOLOGNA VOR/DME             | 64.2 | 46.3°   | 117.10    |

## Departure and arrival routes

Transition altitude 6000ft

| SID end points | distance | outbound direction |
|----------------|----------|--------------------|
| RW04 (ALL)     |          |                    |
| GINA8A         | 18.5     | 97°                |
| MARE8E, MARE8A | 26.5     | 147°               |
| ASVO5A         | 30.3     | 173°               |
| GOVG5E, GOVG5A | 30.4     | 186°               |
| BETE7E, BETE7A | 28.3     | 258°               |
| SPEZ7A         | 35.2     | 277°               |
| BERO7A         | 29.0     | 355°               |
| RW22 (ALL)     |          |                    |
| GINA8C         | 18.5     | 97°                |
| MARE8C         | 26.5     | 147°               |
| ASVO5C         | 30.3     | 173°               |
| GOVG5C         | 30.4     | 186°               |
| BETE7C         | 28.3     | 258°               |

|        |      |      |
|--------|------|------|
| SPEZ7C | 35.2 | 277° |
| BERO7C | 29.0 | 355° |

### STAR starting points

ALL

|                                                                | distance | inbound direction |
|----------------------------------------------------------------|----------|-------------------|
| NORN1R, NORN1V, NORN2A, NORN3L                                 | 30.2     | 46°               |
| BETE1S, BETE3M, BETE3L, BETE1R, BETE1V, BETE2A                 | 28.3     | 78°               |
| KONE1R, KONE3L, KONE3M, KONE1S                                 | 39.1     | 78°               |
| OLKI2A                                                         | 14.6     | 174°              |
| BERO1R, BERO5M, BERO5L, BERO1S                                 | 29.0     | 175°              |
| IBRI2P, IBRI2N, IBRI1R, IBRI1S, IBRI1T, IBRI1U, IBRI2L, IBRI2M | 46.1     | 281°              |

### Holding patterns

| STAR name | hold at | type | turn | heading*  | altitude | leg          | speed limit |
|-----------|---------|------|------|-----------|----------|--------------|-------------|
| BERO1R    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| BERO1R    | UNPIV   | VHF  | left | 216 (36)° | > 3000ft | DME 5.0mi    | ICAO rules  |
| BERO1S    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| BERO5L    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| BERO5L    | UNPIV   | VHF  | left | 216 (36)° | > 3000ft | DME 5.0mi    | ICAO rules  |
| BERO5M    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| BETE1R    | UNPIV   | VHF  | left | 216 (36)° | > 3000ft | DME 5.0mi    | ICAO rules  |
| BETE1S    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| BETE1V    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| BETE2A    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| BETE3L    | UNPIV   | VHF  | left | 216 (36)° | > 3000ft | DME 5.0mi    | ICAO rules  |
| BETE3M    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| IBRI1R    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| IBRI1R    | UNPIV   | VHF  | left | 216 (36)° | > 3000ft | DME 5.0mi    | ICAO rules  |
| IBRI1S    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| IBRI1T    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| IBRI1T    | UNPIV   | VHF  | left | 216 (36)° | > 3000ft | DME 5.0mi    | ICAO rules  |
| IBRI1U    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| IBRI2L    | UNPIV   | VHF  | left | 216 (36)° | > 3000ft | DME 5.0mi    | ICAO rules  |
| IBRI2M    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| IBRI2N    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| IBRI2P    | UNPIV   | VHF  | left | 216 (36)° | > 3000ft | DME 5.0mi    | ICAO rules  |
| KONE1R    | UNPIV   | VHF  | left | 216 (36)° | > 3000ft | DME 5.0mi    | ICAO rules  |
| KONE1S    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| KONE3L    | UNPIV   | VHF  | left | 216 (36)° | > 3000ft | DME 5.0mi    | ICAO rules  |
| KONE3M    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| NORN1R    | UNPIV   | VHF  | left | 216 (36)° | > 3000ft | DME 5.0mi    | ICAO rules  |
| NORN1V    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| NORN2A    | PIS     | NDB  | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules  |
| NORN3L    | UNPIV   | VHF  | left | 216 (36)° | > 3000ft | DME 5.0mi    | ICAO rules  |

|        |       |     |      |           |          |              |            |
|--------|-------|-----|------|-----------|----------|--------------|------------|
| OLKI1V | PIS   | NDB | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules |
| OLKI2A | PIS   | NDB | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules |
| PRT1R  | PIS   | NDB | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules |
| PRT1R  | UNPIV | VHF | left | 216 (36)° | > 3000ft | DME 5.0mi    | ICAO rules |
| PRT1S  | PIS   | NDB | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules |
| PRT2L  | PIS   | NDB | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules |
| PRT2L  | UNPIV | VHF | left | 216 (36)° | > 3000ft | DME 5.0mi    | ICAO rules |
| PRT2M  | PIS   | NDB | left | 49 (229)° | > 5000ft | 1.0min timed | ICAO rules |

\*) magnetic outbound (inbound) holding course

## Disclaimer

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