

# EGSS - London - London Stansted

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## Airport details

|             |                   |
|-------------|-------------------|
| State       | England           |
| Country     | United Kingdom    |
| Region      | EG                |
| Elevation   | 348ft (106m)      |
| Timezone    | GMT +0            |
| Coordinates | 51.88500, 0.23500 |
| Type        | land              |
| ICAO code   | EGSS              |
| IATA code   | STN               |
| FAA code    | n/a               |

## Runway info

|                        |                         |
|------------------------|-------------------------|
| Runway 04 / 22         |                         |
| length                 | 3051m (10010ft)         |
| bearing                | 56° / 236°              |
| width                  | 46m (151ft)             |
| surface                | asphalt                 |
| displacement threshold | 303m (994ft) / 0m (0ft) |
| blast zone             | 0m (0ft) / 9m (30ft)    |

## Communication

|                                      |         |
|--------------------------------------|---------|
| London Stansted Stansted Information | 127.180 |
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| London Stansted Stansted Information | 127.180 |
| London Stansted Stansted Information | 127.180 |
| London Stansted Stansted Delivery    | 121.955 |
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| London Stansted Stansted Delivery    | 121.955 |
| London Stansted Stansted Delivery    | 121.955 |
| London Stansted Stansted Ground      | 121.730 |
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| London Stansted Stansted Ground      | 121.730 |
| London Stansted Stansted Ground      | 121.730 |
| London Stansted Stansted Tower       | 123.805 |
| London Stansted Stansted Tower       | 125.550 |
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| London Stansted Stansted Tower | 123.805 |
| London Stansted Essex Radar    | 120.625 |
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## Approach frequencies

|             |    |       |         |
|-------------|----|-------|---------|
| ILS-cat-III | 04 | 110.5 | 18.00mi |
| ILS-cat-III | 22 | 110.5 | 18.00mi |
| 3° GS       | 04 | 110.5 | 18.00mi |
| 3° GS       | 22 | 110.5 | 18.00mi |

## Nearby beacons

| code | identifier               | dist | bearing | frequency |
|------|--------------------------|------|---------|-----------|
| BKY  | BARKWAY VOR/DME          | 8.9  | 301.1°  | 116.25    |
| LAM  | LAMBOURNE VOR/DME        | 14.6 | 199.2°  | 115.60    |
| BPK  | BROOKMANS PARK VOR/DME   | 15   | 248.4°  | 117.50    |
| LUT  | LUTON NDB                | 18   | 271.1°  | 345       |
| CAM  | CAMBRIDGE NDB            | 19.6 | 350.9°  | 332       |
| LCY  | LONDON CITY NDB          | 23.6 | 203.7°  | 322       |
| SND  | SOUTHEND NDB             | 25.3 | 123.5°  | 362       |
| WTZ  | WATTISHAM TACAN          | 29.7 | 71.4°   | 109.30    |
| MLD  | MILDENHALL TACAN         | 30.2 | 27.9°   | 115.90    |
| BNN  | BOVINGDON VOR/DME        | 30.6 | 258.5°  | 113.75    |
| CHT  | CHILTERN NDB             | 32.1 | 250.8°  | 277       |
| CIT  | CRANFIELD NDB            | 32.7 | 287.2°  | 850       |
| LKH  | LAKENHEATH TACAN         | 33.3 | 30.9°   | 110.20    |
| CLN  | CLACTON VOR/DME          | 33.9 | 92.2°   | 114.55    |
| BIG  | BIGGIN VOR/DME           | 34.1 | 199.8°  | 115.10    |
| LON  | LONDON VOR/DME           | 35.3 | 240.4°  | 113.60    |
| DET  | DETLING VOR/DME          | 37.4 | 148°    | 117.30    |
| HEN  | HENTON NDB               | 38.7 | 263°    | 433       |
| BUR  | BURNHAM NDB              | 40.4 | 248.1°  | 421       |
| EPM  | EPSOM NDB                | 40.8 | 227°    | 316       |
| OCK  | OCKHAM VOR/DME           | 43.1 | 229.6°  | 115.30    |
| WCO  | WESTCOTT NDB             | 44.4 | 268.4°  | 335       |
| HLS  | DME                      | 46.5 | 150.3°  | 115.95    |
| LSH  | HEADCORN (LASHENDEN) NDB | 46.5 | 150.3°  | 340       |
| MAM  | MARHAM TACAN             | 47.3 | 23.1°   | 108.70    |

|     |                  |      |        |        |
|-----|------------------|------|--------|--------|
| WOD | WOODLEY NDB      | 48.9 | 248.7° | 352    |
| WIT | WITTERING TACAN  | 51.1 | 314.5° | 117.60 |
| BSO | BENSON TACAN     | 52.2 | 258.5° | 110    |
| MAY | MAYFIELD VOR/DME | 52.3 | 187.8° | 117.90 |
| BLC | DME              | 52.5 | 242.5° | 116.20 |
| BLK | BLACKBUSHE NDB   | 52.5 | 242.5° | 328    |
| DTY | DAVENTRY VOR/DME | 52.8 | 282.3° | 116.40 |
| LYD | LYDD VOR/DME     | 58.3 | 143.9° | 114.05 |
| CPT | COMPTON VOR/DME  | 59   | 254.8° | 114.35 |
| ODH | ODIHAM TACAN     | 59   | 241.1° | 109.60 |
| MID | MIDHURST VOR/DME | 59.3 | 225.9° | 114    |
| LZD | LYDD NDB         | 61.5 | 142.7° | 397    |
| LE  | LEICESTER NDB    | 63.7 | 299.5° | 383    |

## Departure and arrival routes

Transition altitude 6000ft  
Transition level 6000ft

| SID end points | distance | outbound direction |
|----------------|----------|--------------------|
| RW04           |          |                    |
| CLN4S          | 33.9     | 92°                |
| DET1D, DET1S   | 37.4     | 148°               |
| LAM2S          | 14.6     | 199°               |
| NUGB1S         | 12.4     | 286°               |
| UTAV1S         | 12.7     | 287°               |
| BKY2S          | 14.8     | 321°               |
| RW22           |          |                    |
| CLN1E, CLN8R   | 33.9     | 92°                |
| DET1R          | 37.4     | 148°               |
| LAM3R          | 14.6     | 199°               |
| NUGB1R         | 12.4     | 286°               |
| UTAV1R         | 12.7     | 287°               |
| BKY5R          | 11.3     | 311°               |

| STAR starting points | distance | inbound direction |
|----------------------|----------|-------------------|
| ALL                  |          |                   |
| TELT1L               | 74.4     | 43°               |
| AVAN1L               | 77.6     | 48°               |
| BEDE1L               | 73.6     | 74°               |
| SILV1L               | 46.0     | 88°               |
| FINM1L               | 48.1     | 95°               |
| ABOT1Z               | 15.6     | 250°              |
| BARM2A               | 93.0     | 256°              |
| RINI1A               | 77.3     | 269°              |
| XAMA1A               | 74.0     | 273°              |
| LOGA2A               | 51.7     | 276°              |

|        |      |      |
|--------|------|------|
| TOSV1A | 69.4 | 276° |
| DET2A  | 37.4 | 328° |
| BANV1L | 82.8 | 339° |

## Holding patterns

| STAR name | hold at | type | turn  | heading*   | altitude             | leg             | speed limit |
|-----------|---------|------|-------|------------|----------------------|-----------------|-------------|
| ABOT1Z    | ABBOT   | VHF  | right | 85 (265)°  | 8000ft -<br>14000ft  | DME 6.0mi       | 220         |
| ABOT1Z    | LOREL   | VHF  | left  | 8 (188)°   | > 7000ft             | DME 4.0mi       | 220         |
| AVAN1L    | LOREL   | VHF  | left  | 8 (188)°   | > 7000ft             | DME 4.0mi       | 220         |
| AVAN1L    | VATON   | VHF  | left  | 205 (25)°  | 18000ft -<br>20000ft | 1.5min<br>timed | 240         |
| BANV1L    | LOREL   | VHF  | left  | 8 (188)°   | > 7000ft             | DME 4.0mi       | 220         |
| BANV1L    | UNDUG   | VHF  | right | 139 (319)° | 20000ft -<br>24000ft | 1.5min<br>timed | 240         |
| BANV1L    | VATON   | VHF  | left  | 205 (25)°  | 18000ft -<br>20000ft | 1.5min<br>timed | 240         |
| BARM2A    | ABBOT   | VHF  | right | 85 (265)°  | 8000ft -<br>14000ft  | DME 6.0mi       | 220         |
| BARM2A    | LAPRA   | VHF  | right | 64 (244)°  | 15000ft -<br>21000ft | 1.5min<br>timed | 240         |
| BEDE1L    | LOREL   | VHF  | left  | 8 (188)°   | > 7000ft             | DME 4.0mi       | 220         |
| BEDE1L    | VATON   | VHF  | left  | 205 (25)°  | 18000ft -<br>20000ft | 1.5min<br>timed | 240         |
| BKY1X     | ABBOT   | VHF  | right | 85 (265)°  | 8000ft -<br>14000ft  | DME 6.0mi       | 220         |
| BPK1X     | ABBOT   | VHF  | right | 85 (265)°  | 8000ft -<br>14000ft  | DME 6.0mi       | 220         |
| DET2A     | ABBOT   | VHF  | right | 85 (265)°  | 8000ft -<br>14000ft  | DME 6.0mi       | 220         |
| FINM1L    | BOMBO   | VHF  | left  | 271 (91)°  | < 14000ft            | DME 5.0mi       | 220         |
| FINM1L    | LOREL   | VHF  | left  | 8 (188)°   | > 7000ft             | DME 4.0mi       | 220         |
| LIST1L    | BOMBO   | VHF  | left  | 271 (91)°  | < 14000ft            | DME 5.0mi       | 220         |
| LIST1L    | LOREL   | VHF  | left  | 8 (188)°   | > 7000ft             | DME 4.0mi       | 220         |
| LOGA2A    | ABBOT   | VHF  | right | 85 (265)°  | 8000ft -<br>14000ft  | DME 6.0mi       | 220         |
| LOGA2A    | LOGAN   | VHF  | left  | 108 (288)° | 15000ft -<br>41000ft | 1.5min<br>timed | 240         |
| RINI1A    | ABBOT   | VHF  | right | 85 (265)°  | 8000ft -<br>14000ft  | DME 6.0mi       | 220         |
| RINI1A    | LAPRA   | VHF  | right | 64 (244)°  | 15000ft -<br>21000ft | 1.5min<br>timed | 240         |
| SILV1L    | BOMBO   | VHF  | left  | 271 (91)°  | < 14000ft            | DME 5.0mi       | 220         |
| SILV1L    | LOREL   | VHF  | left  | 8 (188)°   | > 7000ft             | DME 4.0mi       | 220         |
| TELT1L    | LOREL   | VHF  | left  | 8 (188)°   | > 7000ft             | DME 4.0mi       | 220         |
| TELT1L    | VATON   | VHF  | left  | 205 (25)°  | 18000ft -<br>20000ft | 1.5min<br>timed | 240         |
| TOSV1A    | ABBOT   | VHF  | right | 85 (265)°  | 8000ft -<br>14000ft  | DME 6.0mi       | 220         |

|        |       |     |       |           |                      |                 |     |
|--------|-------|-----|-------|-----------|----------------------|-----------------|-----|
| TOSV1A | LAPRA | VHF | right | 64 (244)° | 15000ft -<br>21000ft | 1.5min<br>timed | 240 |
| XAMA1A | ABBOT | VHF | right | 85 (265)° | 8000ft -<br>14000ft  | DME 6.0mi       | 220 |
| XAMA1A | LAPRA | VHF | right | 64 (244)° | 15000ft -<br>21000ft | 1.5min<br>timed | 240 |

\*) magnetic outbound (inbound) holding course

## Disclaimer

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