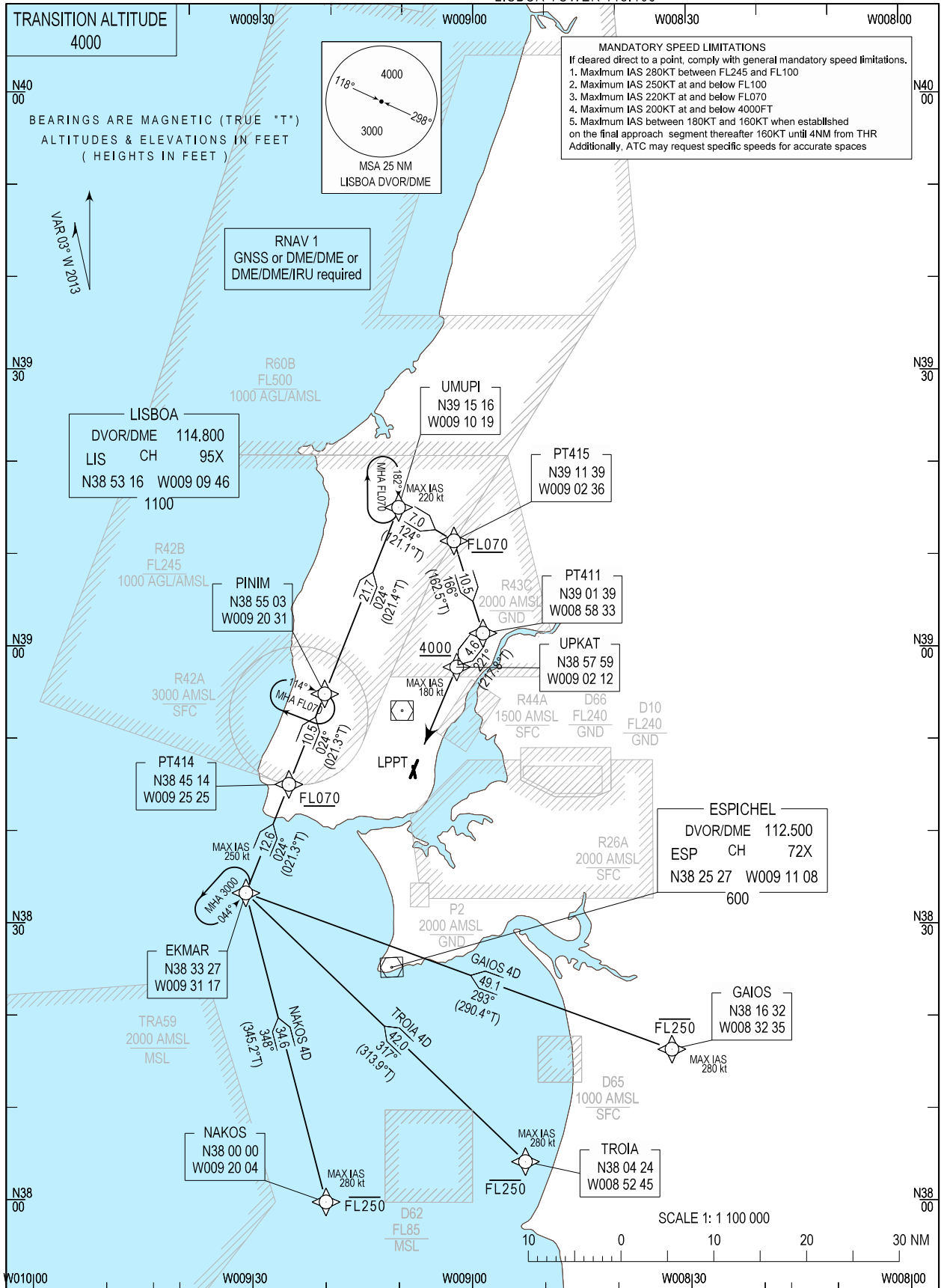


STANDARD ARRIVAL CHART -
INSTRUMENT (STAR) - ICAO

LISBOA ARR INFORMATION 124.155
LISBOA CONTROL 123.980
LISBOA APPROACH 119.105
LISBOA ARRIVAL 125.130
LISBOA TOWER 118.105

LISBOA / LPPT
RNAV RWY 21
GAIOS 4D, NAKOS 4D, TROIA 4D



WPT PT414 ALT restriction changed.

| STANDARD INSTRUMENT ARRIVAL (STAR) RUNWAY 21 | | | | | | | | | | |
|--|------------|---------|----------------------------|-------------------------|---------|----------------|-------------|-------|-----------|---------------------------|
| RNAV 1 – GNSS or DME/DME or DME/DME/IRU | | | | | | | | | | |
| STAR RNAV 1 GAIOS 4D RWY 21 | | | | | | | | | | |
| Procedure Coding Table | | | | | | | | | | |
| Path Terminator | Waypoint | | | Course/Track MAG (True) | Dist NM | Turn Direction | Constraints | | Nav Specs | Remarks |
| | Identifier | Flyover | Coordinates | | | | Level | Speed | | |
| IF | GAIOS | - | 3831631.88N 0083235.19W | - | - | - | -FL250 | 280Kt | RNAV 1 | Clearance limit: UPKAT |
| TF | EKMAR | - | 383326.56N 0093117.20W | 293 (290.4) | 49.13 | - | - | 250Kt | RNAV 1 | |
| TF | PT414 | - | 384513.74N 0092525.26W | 024 (021.3) | 12.64 | Right | +FL070 | - | RNAV 1 | |
| TF | PINIM | - | 385502.70N 0092030.55W | 024 (021.3) | 10.53 | - | - | - | RNAV 1 | |
| TF | UMUPI | - | 391516.46N 0091018.55W | 024 (021.4) | 21.72 | - | - | 220Kt | RNAV 1 | |
| TF | PT415 | - | 391139.36N 0090235.77W | 124 (121.1) | 7.00 | Right | +FL070 | - | RNAV 1 | |
| TF | PT411 | - | 390139.34N 0085833.34W | 166 (162.5) | 10.48 | Right | - | - | RNAV 1 | |
| TF | UPKAT | - | 385759.04N 0090212.05W | 221 (217.8) | 4.64 | Right | +4000ft | 180Kt | RNAV 1 | |

| STAR RNAV 1 NAKOS 4D RWY 21 | | | | | | | | | | |
|-----------------------------|------------|---------|---------------------------|-------------------------|---------|----------------|-------------|-------|-----------|---------------------------|
| Path Terminator | Waypoint | | | Course/Track MAG (True) | Dist NM | Turn Direction | Constraints | | Nav Specs | Remarks |
| | Identifier | Flyover | Coordinates | | | | Level | Speed | | |
| IF | NAKOS | - | 380000.00N 0092004.18W | - | - | - | -FL250 | 280Kt | RNAV 1 | Clearance limit: UPKAT |
| TF | EKMAR | - | 383326.56N 0093117.20W | 348 (345.2) | 34.56 | - | - | 250Kt | RNAV 1 | |
| TF | PT414 | - | 384513.74N 0092525.26W | 024 (021.3) | 12.64 | Right | +FL070 | - | RNAV 1 | |
| TF | PINIM | - | 385502.70N 0092030.55W | 024 (021.3) | 10.53 | - | - | - | RNAV 1 | |
| TF | UMUPI | - | 391516.46N 0091018.55W | 024 (021.4) | 21.72 | - | - | 220Kt | RNAV 1 | |
| TF | PT415 | - | 391139.36N 0090235.77W | 124 (121.1) | 7.00 | Right | +FL070 | - | RNAV 1 | |
| TF | PT411 | - | 390139.34N 0085833.34W | 166 (162.5) | 10.48 | Right | - | - | RNAV 1 | |
| TF | UPKAT | - | 385759.04N 0090212.05W | 221 (217.8) | 4.64 | Right | +4000ft | 180Kt | RNAV 1 | |

| STAR RNAV 1 TROIA 4D RWY 21 | | | | | | | | | | |
|-----------------------------|------------|---------|----------------------------|-------------------------|---------|----------------|-------------|-------|-----------|---------------------------|
| Path Terminator | Waypoint | | | Course/Track MAG (True) | Dist NM | Turn Direction | Constraints | | Nav Specs | Remarks |
| | Identifier | Flyover | Coordinates | | | | Level | Speed | | |
| IF | TROIA | - | 380423.71N 00985244.95W | - | - | - | -FL250 | 280Kt | RNAV 1 | Clearance limit: UPKAT |
| TF | EKMAR | - | 383326.56N 0093117.20W | 317 (313.9) | 41.98 | - | - | 250Kt | RNAV 1 | |
| TF | PT414 | - | 384513.74N 0092525.26W | 024 (021.3) | 12.64 | Right | +FL070 | - | RNAV 1 | |
| TF | PINIM | - | 385502.70N 0092030.55W | 024 (021.3) | 10.53 | - | - | - | RNAV 1 | |
| TF | UMUPI | - | 391516.46N 0091018.55W | 024 (021.4) | 21.72 | - | - | 220Kt | RNAV 1 | |
| TF | PT415 | - | 391139.36N 0090235.77W | 124 (121.1) | 7.00 | Right | +FL070 | - | RNAV 1 | |
| TF | PT411 | - | 390139.34N 0085833.34W | 166 (162.5) | 10.48 | Right | - | - | RNAV 1 | |
| TF | UPKAT | - | 385759.04N 0090212.05W | 221 (217.8) | 4.64 | Right | +4000ft | 180Kt | RNAV 1 | |