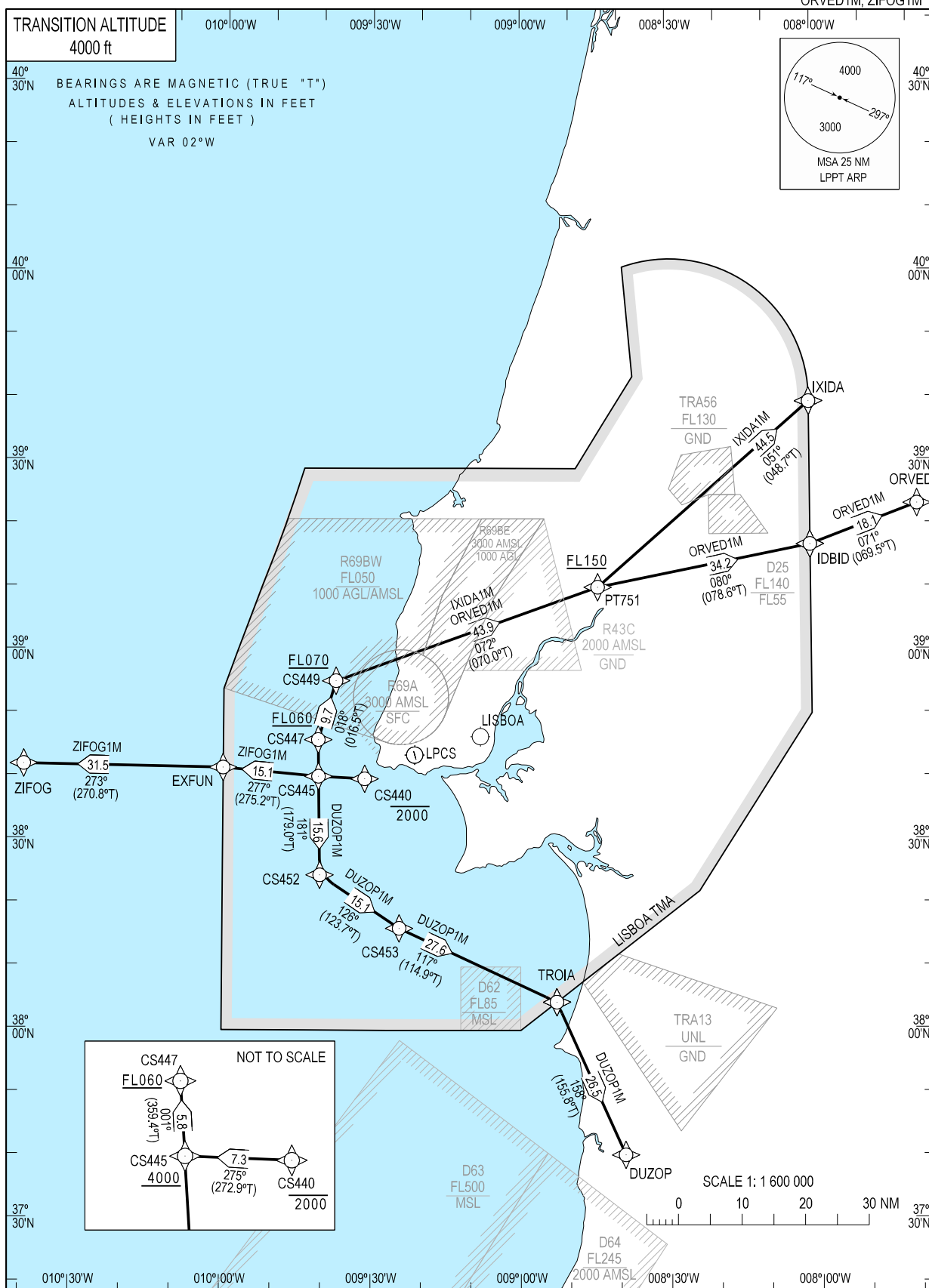


STANDARD DEPARTURE CHART -  
INSTRUMENT (SID) - ICAOCASCAIS TOWER 120.305  
LISBOA APPROACH 119.105CASCAIS (LPCS)  
RNAV RWY 17  
DUZOP1M, IXIDA1M  
ORVED1M, ZIFOG1M

New procedure.

| CASCAIS SID RNAV1 DUZOP1M (RWY 17) |            |         |                           |                            |         |                |             |       |                             |                                 |
|------------------------------------|------------|---------|---------------------------|----------------------------|---------|----------------|-------------|-------|-----------------------------|---------------------------------|
| Path Terminator                    | Waypoint   |         |                           | Course/Track<br>MAG (True) | Dist NM | Turn Direction | Constraints |       | Navigation<br>Specification | Remarks                         |
|                                    | Identifier | Flyover | Coordinates               |                            |         |                | Level       | Speed |                             |                                 |
| CA                                 | -          | -       | -                         | 166<br>(164.1)             | -       | -              | @800 ft     |       | RNAV 1                      | After departure<br>climb FL060. |
| DF                                 | CS440      | N       | 383945.06N<br>0093125.08W | -                          | -       | Right          | -2000 ft    |       | RNAV 1                      |                                 |
| TF                                 | CS445      | N       | 384007.17N<br>0094044.45W | 275<br>(273.0)             | 7.3112  | -              | +4000 ft    |       | RNAV 1                      |                                 |
| TF                                 | CS452      | N       | 382430.91N<br>0094024.29W | 181<br>(179.0)             | 15.5905 | -              |             |       | RNAV 1                      |                                 |
| TF                                 | CS453      | N       | 381605.56N<br>0092423.62W | 126<br>(123.7)             | 15.1487 | -              |             |       | RNAV 1                      |                                 |
| TF                                 | TROIA      | N       | 380423.71N<br>0085244.95W | 117<br>(114.9)             | 27.5548 | -              |             |       | RNAV 1                      |                                 |
| TF                                 | DUZOP      | N       | 374011.24N<br>0083905.64W | 158<br>(155.8)             | 26.4876 | -              |             |       | RNAV 1                      |                                 |
|                                    |            |         |                           |                            |         |                |             |       |                             |                                 |

| Designator | Route                                                                                                                  | After Take-off  |         | Remarks |
|------------|------------------------------------------------------------------------------------------------------------------------|-----------------|---------|---------|
|            |                                                                                                                        | Climb to ALT/FL | Contact |         |
| DUZOP1M    | After departure climb straight ahead. Crossing 800 ft ALT, turn right to CS440 - CS445 - CS452 - CS453 - TROIA - DUZOP | FL060           | -       | -       |

| CASCAIS SID RNAV1 IXIDA1M (RWY 17) |            |         |                           |                            |         |                |             |       |                             |                                                                                                    |
|------------------------------------|------------|---------|---------------------------|----------------------------|---------|----------------|-------------|-------|-----------------------------|----------------------------------------------------------------------------------------------------|
| Path Terminator                    | Waypoint   |         |                           | Course/Track<br>MAG (True) | Dist NM | Turn Direction | Constraints |       | Navigation<br>Specification | Remarks                                                                                            |
|                                    | Identifier | Flyover | Coordinates               |                            |         |                | Level       | Speed |                             |                                                                                                    |
| CA                                 | -          | -       | -                         | 166<br>(164.1)             | -       | -              | @800 ft     | -     | RNAV 1                      | After departure<br>climb FL060. If<br>unable to comply with<br>Level<br>Constraints<br>advise ATC. |
| DF                                 | CS440      | N       | 383945.06N<br>0093125.08W | -                          | -       | Right          | -2000 ft    | -     | RNAV 1                      |                                                                                                    |
| TF                                 | CS445      | N       | 384007.17N<br>0094044.45W | 275<br>(272.9)             | 7.3112  | -              | +4000 ft    | -     | RNAV 1                      |                                                                                                    |
| TF                                 | CS447      | N       | 384555.57N<br>0094049.14W | 001<br>(359.4)             | 5.8012  | -              | +FL060      | -     | RNAV 1                      |                                                                                                    |
| TF                                 | CS449      | N       | 385515.62N<br>0093716.71W | 018<br>(016.5)             | 9.7268  | -              | +FL070      | -     | RNAV 1                      |                                                                                                    |
| TF                                 | PT751      | N       | 391003.24N<br>0084414.26W | 072<br>(070.0)             | 43.8868 | -              | +FL150      | -     | RNAV 1                      |                                                                                                    |
| TF                                 | IXIDA      | N       | 393918.46N<br>0080100.00W | 051<br>(048.7)             | 44.4663 | -              | -           | -     | RNAV 1                      |                                                                                                    |
|                                    |            |         |                           |                            |         |                |             |       |                             |                                                                                                    |

| Designator | Route                                                                                                                  | After Take-off  |         | Remarks                                                |
|------------|------------------------------------------------------------------------------------------------------------------------|-----------------|---------|--------------------------------------------------------|
|            |                                                                                                                        | Climb to ALT/FL | Contact |                                                        |
| IXIDA1M    | After departure climb straight ahead. Crossing 800 ft ALT, turn right to CS440 - CS445 - CS447 - CS449 - PT751 - IXIDA | FL060           | -       | If unable to comply with Level Constraints advise ATC. |

| CASCAIS SID RNAV1 ORVED1M (RWY 17) |            |         |                           |                            |         |                |             |       |                             |                                                                                     |
|------------------------------------|------------|---------|---------------------------|----------------------------|---------|----------------|-------------|-------|-----------------------------|-------------------------------------------------------------------------------------|
| Path Terminator                    | Waypoint   |         |                           | Course/Track<br>MAG (True) | Dist NM | Turn Direction | Constraints |       | Navigation<br>Specification | Remarks                                                                             |
|                                    | Identifier | Flyover | Coordinates               |                            |         |                | Level       | Speed |                             |                                                                                     |
| CA                                 | -          | -       | -                         | 166<br>(164.1)             | -       | -              | @800 ft     | -     | RNAV 1                      | After departure climb FL060. If unable to comply with Level Constraints advise ATC. |
| DF                                 | CS440      | N       | 383945.06N<br>0093125.08W | -                          | -       | Right          | -2000 ft    | -     | RNAV 1                      |                                                                                     |
| TF                                 | CS445      | N       | 384007.17N<br>0094044.45W | 275<br>(272.9)             | 7.3112  | -              | +4000 ft    | -     | RNAV 1                      |                                                                                     |
| TF                                 | CS447      | N       | 384555.57N<br>0094049.14W | 001<br>(359.4)             | 5.8012  | -              | +FL060      | -     | RNAV 1                      |                                                                                     |
| TF                                 | CS449      | N       | 385515.62N<br>0093716.71W | 018<br>(016.5)             | 9.7268  | -              | +FL070      | -     | RNAV 1                      |                                                                                     |
| TF                                 | PT751      | N       | 391003.24N<br>0084414.26W | 072<br>(070.0)             | 43.8868 | -              | +FL150      | -     | RNAV 1                      |                                                                                     |
| TF                                 | IDBID      | N       | 391641.60N<br>0080100.00W | 080<br>(078.6)             | 34.2495 | -              | -           | -     | RNAV 1                      |                                                                                     |
| TF                                 | ORVED      | N       | 392300.00N<br>0073907.00W | 071<br>(069.5)             | 18.1114 | -              | -           | -     | RNAV 1                      |                                                                                     |

| Designator | Route                                                                                                                         | After Take-off  |         | Remarks                                                                             |
|------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------|---------|-------------------------------------------------------------------------------------|
|            |                                                                                                                               | Climb to ALT/FL | Contact |                                                                                     |
| ORVED1M    | After departure climb straight ahead. Crossing 800FT ALT, turn right to CS440 - CS445 - CS447 - CS449 - PT751 - IDBID - ORVED | FL060           | -       | After departure climb FL060. If unable to comply with Level Constraints advise ATC. |

| CASCAIS SID RNAV1 ZIFOG1M (RWY 17) |            |         |                           |                            |         |                |             |       |                             |                              |
|------------------------------------|------------|---------|---------------------------|----------------------------|---------|----------------|-------------|-------|-----------------------------|------------------------------|
| Path Terminator                    | Waypoint   |         |                           | Course/Track<br>MAG (True) | Dist NM | Turn Direction | Constraints |       | Navigation<br>Specification | Remarks                      |
|                                    | Identifier | Flyover | Coordinates               |                            |         |                | Level       | Speed |                             |                              |
| CA                                 | -          | -       | -                         | 166<br>(164.1)             | -       | -              | @800 ft     | -     | RNAV 1                      | After departure climb FL060. |
| DF                                 | CS440      | N       | 383945.06N<br>0093125.08W | -                          | -       | Right          | -2000 ft    | -     | RNAV 1                      |                              |
| TF                                 | CS445      | N       | 384007.17N<br>0094044.45W | 275<br>(272.9)             | 7.3112  | -              | +4000 ft    | -     | RNAV 1                      |                              |
| TF                                 | EXFUN      | N       | 384128.05N<br>0095959.96W | 277<br>(275.2)             | 15.1409 | -              | -           | -     | RNAV 1                      |                              |
| TF                                 | ZIFOG      | N       | 384147.25N<br>0104015.58W | 273<br>(270.8)             | 31.5223 | -              | -           | -     | RNAV 1                      |                              |

| Designator | Route                                                                                                     | After Take-off  |         | Remarks                      |
|------------|-----------------------------------------------------------------------------------------------------------|-----------------|---------|------------------------------|
|            |                                                                                                           | Climb to ALT/FL | Contact |                              |
| ZIFOG1M    | After departure climb straight ahead. Crossing 800FT ALT, turn right to CS440, then CS445 - EXFUN - ZIFOG | FL060           | -       | After departure climb FL060. |

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