

INITIAL CLIMB PROCEDURE RWY 36 DESCRIPTION

WARNING: Obstacles identification surface (OIS 2.5%) penetrated by obstacles that were not considered for the published procedure design gradient.

REMARK: Minimum climb gradient 475 FT/NM (7.8%) until leaving 5000 FT.

Only for LAGEN 1W and TESTO 1X 475 FT/NM (7.8%) until leaving 5000 FT then 250FT/NM (4.1%) until leaving FL 100.

SID RNAV1/RNP1 RWY 36 Description**ASTIG 1Z**

| Path Terminator | Waypoint Identifier | Fly Over | Course °M (°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (ft) | Speed Limit (kt) | Navigation Specification |
|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|------------------|--------------------------|
| CA | - | - | 360 (002.6) | - | - | - | +1391 | - | RNAV1/RNP1 (1) |
| DF | MF702 | Y | - | - | - | - | +2000 | -200 | RNAV1/RNP1 (1) |
| DF | MF418 | - | - | - | - | R | +5000 | - | RNAV1/RNP1 (1) |
| TF | SIRLO | - | 123 (125.2) | - | 9.9 | - | +6000 | - | RNAV1/RNP1 (1) |
| TF | ASTIG | - | 133 (135.1) | - | 18.0 | - | +FL100 | - | RNAV1/RNP1 (1) |

IXUSA 1X

| Path Terminator | Waypoint Identifier | Fly Over | Course °M (°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (ft) | Speed Limit (kt) | Navigation Specification |
|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|------------------|--------------------------|
| CA | - | - | 360 (002.6) | - | - | - | +1391 | - | RNAV1/RNP1 (1) |
| DF | MF702 | Y | - | - | - | - | +2000 | -200 | RNAV1/RNP1 (1) |
| DF | MF418 | - | - | - | - | R | +5000 | - | RNAV1/RNP1 (1) |
| TF | SIRLO | - | 123 (125.2) | - | 9.9 | - | +6000 | -230 | RNAV1/RNP1 (1) |
| TF | MF422 | - | 200 (202.1) | - | 6.9 | - | - | -250 | RNAV1/RNP1 (1) |
| TF | MF546 | - | 289 (291.6) | - | 6.8 | - | +FL100 | -250 | RNAV1/RNP1 (1) |
| TF | MF424 | - | 278 (280.0) | - | 8.9 | - | - | - | RNAV1/RNP1 (1) |
| TF | MF426 | - | 278 (279.9) | - | 8.9 | - | +FL200 | - | RNAV1/RNP1 (1) |
| TF | IXUSA | - | 278 (279.8) | - | 5.8 | - | - | - | RNAV1/RNP1 (1) |

KUKEV 1X

| Path Terminator | Waypoint Identifier | Fly Over | Course °M (°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (ft) | Speed Limit (kt) | Navigation Specification |
|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|-------------------|------------------|--------------------------|
| CA | - | - | 360 (002.6) | - | - | - | +1391 | - | RNAV1/RNP1 (1) |
| DF | MF702 | Y | - | - | - | - | +2000 | -200 | RNAV1/RNP1 (1) |
| DF | MF418 | - | - | - | - | R | +5000 | - | RNAV1/RNP1 (1) |
| TF | SIRLO | - | 123 (125.2) | - | 9.9 | - | +6000 | -230 | RNAV1/RNP1 (1) |
| TF | MF422 | - | 200 (202.1) | - | 6.9 | - | - | -250 | RNAV1/RNP1 (1) |
| TF | MF546 | - | 289 (291.6) | - | 6.8 | - | +FL100 | -250 | RNAV1/RNP1 (1) |
| TF | MF427 | - | 322 (324.4) | - | 14.1 | - | +FL150 | - | RNAV1/RNP1 (1) |
| TF | MF428 | - | 322 (324.4) | - | 8.5 | - | +FL180/190 (2) | - | RNAV1/RNP1 (1) |
| TF | KUKEV | - | 322 (324.4) | - | 19.1 | - | +200 | - | RNAV1/RNP1 (1) |

KUKEV 1Z (ATC Discretion)

| Path Terminator | Waypoint Identifier | Fly Over | Course °M (°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (ft) | Speed Limit (kt) | Navigation Specification |
|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|-------------------|------------------|--------------------------|
| CA | - | - | 360 (002.6) | - | - | - | +1391 | - | RNAV1/RNP1 (1) |
| DF | MF702 | Y | - | - | - | - | +2000 | -200 | RNAV1/RNP1 (1) |
| DF | MF418 | - | - | - | - | R | +5000 | - | RNAV1/RNP1 (1) |
| TF | SIRLO | - | 123 (125.2) | - | 9.9 | - | +6000 | -230 | RNAV1/RNP1 (1) |
| TF | RUFHO | - | 039 (041.5) | - | 7.5 | - | +FL100 | -250 | RNAV1/RNP1 (1) |
| TF | MF419 | - | 309 (311.6) | - | 6.8 | L | - | -250 | RNAV1/RNP1 (1) |
| TF | MF429 | - | 280 (282.9) | - | 6.9 | - | - | - | RNAV1/RNP1 (1) |
| TF | MATOG | - | 280 (282.8) | - | 10.4 | - | +FL180/190 (2) | - | RNAV1/RNP1 (1) |
| TF | KUKEV | - | 312 (314.9) | - | 22.8 | - | +200 | - | RNAV1/RNP1 (1) |

LAGEN 1W

| Path Terminator | Waypoint Identifier | Fly Over | Course °M (°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (ft) | Speed Limit (kt) | Navigation Specification |
|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|------------------|--------------------------|
| CA | - | - | 360 (002.6) | - | - | - | +1391 | - | RNAV1/RNP1 (1) |
| DF | MF702 | Y | - | - | - | - | +2000 | -200 | RNAV1/RNP1 (1) |
| DF | MF418 | - | - | - | - | R | +5000 | - | RNAV1/RNP1 (1) |
| TF | SIRLO | - | 123 (125.2) | - | 9.9 | - | +6000 | - | RNAV1/RNP1 (1) |
| TF | ASTOR | - | 165 (167.1) | - | 19.9 | - | +FL110 | - | RNAV1/RNP1 (1) |
| TF | LAGEN | - | 144 (146.9) | - | 31.3 | - | - | - | RNAV1/RNP1 (1) |

MMP 1Z

| Path Terminator | Waypoint Identifier | Fly Over | Course °M (°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (ft) | Speed Limit (kt) | Navigation Specification |
|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|------------------|--------------------------|
| CA | - | - | 360 (002.6) | - | - | - | +1391 | - | RNAV1/RNP1 (1) |
| DF | MF702 | Y | - | - | - | - | +2000 | -200 | RNAV1/RNP1 (1) |
| DF | MF418 | - | - | - | - | R | +5000 | - | RNAV1/RNP1 (1) |
| TF | SIRLO | - | 123 (125.2) | - | 9.9 | - | +6000 | - | RNAV1/RNP1 (1) |
| TF | TONDA | - | 103 (105.0) | - | 10.4 | - | +FL100 | - | RNAV1/RNP1 (1) |
| TF | MMP | - | 031 (033.6) | - | 38.4 | - | +FL120 | - | RNAV1/RNP1 (1) |

TESTO 1X

| Path Terminator | Waypoint Identifier | Fly Over | Course °M (°T) | Magnetic Variation | Distance (NM) | Turn Direction | Altitude (ft) | Speed Limit (kt) | Navigation Specification |
|-----------------|---------------------|----------|----------------|--------------------|---------------|----------------|---------------|------------------|--------------------------|
| CA | - | - | 360 (002.6) | - | - | - | +1391 | - | RNAV1/RNP1 (1) |
| DF | MF702 | Y | - | - | - | - | +2000 | -200 | RNAV1/RNP1 (1) |
| DF | MF418 | - | - | - | - | R | +5000 | - | RNAV1/RNP1 (1) |
| TF | SIRLO | - | 123 (125.2) | - | 9.9 | - | +6000 | - | RNAV1/RNP1 (1) |
| TF | ASTOR | - | 165 (167.1) | - | 19.9 | - | +FL110 | - | RNAV1/RNP1 (1) |
| TF | TESTO | - | 117 (119.7) | - | 28.1 | - | - | - | RNAV1/RNP1 (1) |

(1) For "monitoring and alerting" reasons, RNP1 specification is required in case of radar service unavailability or degradation

(2) Depending on Geneva QNH

WAYPOINTS LIST

| Waypoint Identifier | Coordinates |
|---------------------|--------------------------------|
| MF418 | 45°14'59.15"N – 007°48'09.04"E |
| MF419 | 45°19'20.24"N – 007°59'23.42"E |
| MF422 | 45°02'54.90"N – 007°55'55.13"E |
| MF424 | 45°06'56.95"N – 007°34'39.39"E |
| MF426 | 45°08'28.30"N – 007°22'15.65"E |
| MF427 | 45°16'48.35"N – 007°35'27.80"E |
| MF428 | 45°23'40.38"N – 007°28'26.68"E |
| MF429 | 45°20'52.93"N – 007°49'48.30"E |
| MF546 | 45°05'24.29"N – 007°47'02.19"E |
| MF702 | 45°15'10.79"N – 007°39'10.61"E |