CHANGE: NEW SID PAZZE 1P, PAZZE $1 F$ and RCA $1 G$ IMPLEMENTED, SID VIA SOPOM AND PIGER WITHDRAWN


## SID DESCRIPTION

## BERMI 5E

Turn left as soon as possible after take-off (IAS MAX 200 kt during turn) on track $166^{\circ}$ until intercepting and following RDL 200 RCA VOR bound to BERMI.

MCA: RDL 200/30NM RCA VOR/DME 7000 FT

## PAZZE 1F

Turn right as soon as possible after take-off (IAS MAX 200 kt during turn) on track $016^{\circ}$ until intercepting and following RDL 336 RCA VOR bound to LONDA, to be crossed at 4600 ft or above, then turn right until intercepting and following RDL 347 RCA VOR bound to PAZZE.

MCA/MCL: LONDA 4600 FT, PAZZE FL 110
RCA 1G
Turn left as soon as possible after take-off (IAS MAX 200 kt during turn) on track $166^{\circ}$ until intercepting and following RDL 200 RCA VOR. At 13NM RCA DME turn left (IAS MAX 200 kt during turn) until intercepting and following RDL 177 RCA VOR (TR 357$)$ bound to RCA VOR.

MCA/MCL: RDL 200/13NM RCA VOR/DME 5500 FT, RCA VOR FL100
PAZZE 1P
Intercept and follow RDL 336 RCA VOR bound to LONDA to be crossed at 4600 ft or above, then turn right until intercepting and following RDL 347 RCA VOR bound to PAZZE.

MCA/MCL: LONDA 4600 FT, PAZZE FL 110

## REMARKS

a) Minimum climb gradient:
$300 \mathrm{ft} / \mathrm{NM}$ (4,94\%) for SID BERMI 5E;
$365 \mathrm{ft} / \mathrm{NM}$ (6.0\%) for SID PAZZE 1F and PAZZE 1P;
$350 \mathrm{ft} / \mathrm{NM}(5,76 \%)$ for SID RCA 1G;
Aerodrome operations allowed only with following minima: visibility $\mathbf{5 0 0 0} \mathbf{~ m}$, ceiling 1500 ft (VMC).

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## SID DESCRIPTION

## BERMI 5F

After takeoff proceed on track $166^{\circ}$, reaching 800ft turn right on track $236^{\circ}$ until intercepting and following RDL 200 RCA VOR bound to BERMI.

## MCA: RDL 200/30NM RCA VOR/DME 7000 FT

URCAH 1H
After takeoff proceed on track $166^{\circ}$, reaching 800ft turn right on track $346^{\circ}$ until intercepting and following RDL 301 RCA VOR bound to URCAH.

MCA/MCL: RDL 301/9NM RCA VOR/DME 6500 FT; URCAH FL 120
RCA 1J
After takeoff proceed on track $166^{\circ}$, reaching 800ft turn right on track $236^{\circ}$ until intercepting and following RDL 200 RCA VOR. At 13NM RCA DME, turn left (IAS MAX 200 kt during turn) until intercepting and following RDL 177 RCA VOR (TR $357^{\circ}$ ) bound to RCA VOR.

MCA/MCL: RDL 200/13NM RCA VOR/DME 5500 FT, RCA VOR FL100

## REMARKS

a) Minimum climb gradient:
$565 \mathrm{ft} / \mathrm{NM}$ (9.3\%) until passing 2000Ft, then 5.5\% (335 Ft/NM). IAS MAX 200 kt during turn.
Aircraft unable to follow prescribed gradient have to maintain VMC until passing 2000 ft .
b) Aerodrome operations allowed only with following minima: visibility 5000 m , ceiling 1500 ft (VMC).

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CHANGE: REVISED CHART


## REMARK

OPERATIONAL LIMITATIONS are in force in case of contingency procedures, for details see AD 2 LICR 1-1 table 23 item 3

## INITIAL CLIMB PROCEDURES

## REMARK

Aerodrome operations allowed only with fly minima: visibility $\mathbf{5 0 0 0} \mathbf{~ m}$, ceiling 1500 ft (VMC).

## RWY 15

After take-off proceed on track $166^{\circ}$, reaching 800ft:

- If proceeding via SID BERMI 5A, RCA 1A or RCA 1Y: turn right on track $236^{\circ}$ until intercepting and following RDL 200 RCA VOR bound to OLINI;
- if proceeding via SID URCAH 1A: turn right on track $346^{\circ}$ until intercepting and following RDL 301 RCA VOR bound to URCAH.


## REMARK

Minimum climb gradient: 565 ft/NM (9.3\%), IAS MAX 200 kt during turn.
Aircraft unable to follow prescribed gradient have to maintain VMC until passing $2000 \mathbf{f t}$.

## RWY 33

- If proceeding via SID BERMI 5A, RCA 1A or RCA 1Y: turn left as soon as possible after take-off (IAS MAX $200 \mathrm{kt} \mathrm{during} \mathrm{turn)} \mathrm{on}$ track $166^{\circ}$ until intercepting and following RDL 200 RCA VOR bound to OLINI;
- if proceeding via SID PAZZE 1A: intercept and follow RDL 336 RCA VOR bound to LONDA, to be crossed at 4600 ft or above.


## REMARK

Minimum climb gradient:
300 ft/NM (4,94\%) for SID BERMI 5A;
$365 \mathrm{ft} / \mathrm{NM}$ (6.0\%) for SID PAZZE 1A
$350 \mathrm{ft} / \mathrm{NM}(5,76 \%)$ for SID RCA 1A and RCA 1 Y.

## RWY 29

- If proceeding via SID BERMI 5A, RCA 1A or RCA 1Y: turn left as soon as possible after take-off (IAS MAX 200 kt during turn) on track $166^{\circ}$ until intercepting and following RDL 200 RCA VOR bound to OLINI;
- if proceeding via SID PAZZE 1A: turn right as soon as possible after take-off (IAS MAX 200 kt during turn) on track $016^{\circ}$ until intercepting and following RDL 336 RCA VOR bound to LONDA, to be crossed at 4600 ft or above.


## REMARK

Minimum climb gradient:
$300 \mathrm{ft} / \mathrm{NM}$ (4,94\%) for SID BERMI 5A
$365 \mathrm{ft} / \mathrm{NM}(6.0 \%)$ for SID PAZZE 1A
$350 \mathrm{ft} / \mathrm{NM}(5,76 \%)$ for SID RCA 1A and RCA 1 Y .

## Intenzionalmente bianca

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## REMARK

## OPERATIONAL LIMITATIONS are in force in case of contingency procedures, for details see AD 2 LICR 1-1 table 23 item 3

## SID DESCRIPTION (RCA VOR OPERATIVE)

Initial climb procedure executed:

## BERMI 5A

Proceed on RDL 200 RCA VOR bound to BERMI.
MCA: RDL 200/30NM RCA VOR/DME 7000 FT
RCA 1 Y
After OLINI, turn right (IAS MAX 200 kt during turn) until intercepting and following RDL 217 RCA VOR (TR $037^{\circ}$ ) bound to RCA VOR

$$
\text { MCL: RCA VOR/DME FL } 100
$$

PAZZE 1A
Proceed on RDL 336 RCA VOR bound to LONDA, then turn right until intercepting and following RDL 347 RCA VOR bound to PAZZE.

$$
\text { MCA/MCL: LONDA } 4600 \text { FT, PAZZE: FL } 110
$$

RCA 1A
Proceed on RDL 200 RCA VOR until 13NM RCA DME, then turn left (IAS MAX 200 kt during turn) until intercepting and following RDL 177 RCA VOR (TR $357^{\circ}$ ) bound to RCA VOR.

MCA/MCL: RDL 200/13NM RCA VOR/DME 5500 FT, RCA VOR FL100

URCAH 1A
Proceed on RDL 301 RCA VOR bound to URCAH.
MCA/MCL: RDL 301/9NM RCA VOR/DME: 6500 FT, URCAH: FL 120

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## SID RNP1 Reggio Calabria (ATC DISCRETION)

ICP \& SID RWY 15

## Remarks:

(1) Procedure Design Gradient $9.3 \%$ (565Ft/NM) until passing 2000Ft then $5.3 \%$ (322Ft/NM)
(2) IAS MAX during turn 200Kts
(3) Close-in obstacles exist but they were not considered for the required procedure design gradient

URCAH 1W

| Path <br> Terminator | Waypoint <br> Identifier | Fly <br> Over | Course <br> ${ }^{\circ} \mathbf{M}\left({ }^{\circ} \mathbf{T}\right)$ | Magnetic <br> Variation | Distance <br> $(\mathbf{N M})$ | Turn <br> Direction | Altitude <br> (ft) | Speed <br> Limit <br> (kt) | Navigation <br> Specification |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CA | - | - | $151^{\circ}$ <br> $\left(1528^{\circ}\right)$ | $+2^{\circ}$ | - | - | +435 | -200 | RNP1 |
| CA | - | - | $166^{\circ}$ <br> $\left(167.7^{\circ}\right)$ | $+2^{\circ}$ | - | - | +800 | -200 | RNP1 |
| DF | CR601 | - | - | - | - | $R$ | +6000 | -200 | RNP1 |
| TF | CR604 | - | $308^{\circ}$ <br> $\left(310.2^{\circ}\right)$ | - | 6.8 | - | - | - | RNP1 |
| TF | URCAH | - | $308^{\circ}$ <br> $\left(310.2^{\circ}\right)$ | - | 11.0 | - | + FL120 | - | RNP1 |

BERMI 5W

| Path <br> Terminator | Waypoint <br> Identifier | Fly <br> Over | Course <br> ${ }^{\circ} \mathbf{M}\left({ }^{\circ}\right.$ T) | Magnetic <br> Variation | Distance <br> (NM) | Turn <br> Direction | Altitude <br> (ft) | Speed <br> Limit <br> (kt) | Navigation <br> Specification |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CA | - | - | $151^{\circ}$ <br> $\left(152.8^{\circ}\right)$ | $+2^{\circ}$ | - | - | +435 | -200 | RNP1 |
| CA | - | - | $166^{\circ}$ <br> $\left(167.7^{\circ}\right)$ | $+2^{\circ}$ | - | - | +800 | -200 | RNP1 |
| DF | EKTEM | - | - | - | - | - | - | -200 | RNP1 |
| TF | PEKOD | - | $197^{\circ}$ <br> $\left(198.7^{\circ}\right)$ | - | 11.2 | - | - | - | RNP1 |
| TF | BERMI | - | $200^{\circ}$ <br> $\left(202^{\circ}\right)$ | - | 13.7 | - |  | - | - |

## Remarks:

(1) Procedure Design Gradient:
a. 6\% (365Ft/NM) for PAZZE 1S
b. $7.5 \%(456 \mathrm{Ft} / \mathrm{NM})$ for BERMI 5 S
(2) IAS MAX during turn 200Kts
(3) Close-in obstacles exist but they were not considered for the required procedure design gradient

PAZZE 1S

| Path <br> Terminator | Waypoint <br> Identifier | Fly <br> Over | Course <br> ${ }^{\circ} \mathbf{M}\left({ }^{\circ} \mathbf{T}\right)$ | Magnetic <br> Variation | Distance <br> $(\mathbf{N M})$ | Turn <br> Direction | Altitude <br> (ft) | Speed <br> Limit <br> (kt) | Navigation <br> Specification |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CA | - | - | $291^{\circ}$ <br> $\left(292.6^{\circ}\right)$ | $+2^{\circ}$ | - | - | +500 | -200 | RNP1 |
| CF | CR606 | - | $349^{\circ}$ <br> $\left(350.6^{\circ}\right)$ | +2 | - | - | +6000 | -200 | RNP1 |
| TF | PAZZE | - | $349^{\circ}$ <br> $\left(350.6^{\circ}\right)$ | - | 15.3 | - | + FL110 | - | RNP1 |

BERMI 5S

| Path <br> Terminator | Waypoint <br> Identifier | Fly <br> Over | Course <br> ${ }^{\circ}$ M( ${ }^{\circ}$ T) | Magnetic <br> Variation | Distance <br> (NM) | Turn <br> Direction | Altitude <br> (ft) | Speed <br> Limit <br> (kt) | Navigation <br> Specification |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CA | - | - | $291^{\circ}$ <br> $\left(292.6^{\circ}\right)$ | $+2^{\circ}$ | - | - | +500 | -200 | RNP1 |
| CF | CR601 | - | $270^{\circ}$ <br> $\left(272^{\circ}\right)$ | $+2^{\circ}$ | - | - | +4800 | -200 | RNP1 |
| TF | CR602 | - | $181^{\circ}$ <br> $(183.1)$ | - | 15.7 | L | - | - | RNP1 |
| TF | PEKOD | - | $166^{\circ}$ <br> $\left(168^{\circ}\right)$ | - | 9.5 | - | - | - | RNP1 |
| TF | BERMI | - | $200^{\circ}$ <br> $\left(202^{\circ}\right)$ | - | 13.7 | - | - | - | RNP1 |

## ICP \& SID RWY 33

Remarks:
(1) Procedure Design Gradient:
a. 6\% (365Ft/NM) for PAZZE 1T
b. $7.5 \%(456 \mathrm{Ft} / \mathrm{NM})$ for BERMI 5T
(2) IAS MAX during turn 200Kts
(3) Close-in obstacles exist but they were not considered for the required procedure design gradient

## PAZZE 1T

| Path <br> Terminator | Waypoint <br> Identifier | Fly <br> Over | Course <br> ${ }^{\circ} \mathbf{M (}\left(^{\circ}\right.$ T) | Magnetic <br> Variation | Distance <br> (NM) | Turn <br> Direction | Altitude <br> (ft) | Speed <br> Limit <br> $(\mathrm{kt})$ | Navigation <br> Specification |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CA | - | - | $331^{\circ}$ <br> $\left(332.8^{\circ}\right)$ | $+2^{\circ}$ | - | - | +500 | -200 | RNP1 |
| CF | CR603 | - | $331^{\circ}$ <br> $\left(332.8^{\circ}\right)$ | +2 | - | - | +1500 | -200 | RNP1 |
| TF | CR606 | - | $349^{\circ}$ <br> $\left(350.6^{\circ}\right)$ | - | 10.9 | - | +6000 | - | RNP1 |
| TF | PAZZE | - | $349^{\circ}$ <br> $\left(350.6^{\circ}\right)$ | - | 15.3 | - | + FL110 | - | RNP1 |

BERMI 5T

| Path <br> Terminator | Waypoint <br> Identifier | Fly <br> Over | Course <br> ${ }^{\circ}$ M( ${ }^{\circ}$ T) | Magnetic <br> Variation | Distance <br> (NM) | Turn <br> Direction | Altitude <br> (ft) | Speed <br> Limit <br> (kt) | Navigation <br> Specification |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CA | - | - | $331^{\circ}$ <br> $\left(332.8^{\circ}\right)$ | $+2^{\circ}$ | - | - | +500 | -200 | RNP1 |
| CF | CR601 | - | $270^{\circ}$ <br> $\left(272^{\circ}\right)$ | $+2^{\circ}$ | - | - | +4800 | -200 | RNP1 |
| TF | CR602 | - | $181^{\circ}$ <br> $(183.1)$ | - | 15.7 | L | - | - | RNP1 |
| TF | PEKOD | - | $166^{\circ}$ <br> $\left(168^{\circ}\right)$ | - | 9.5 | - | - | - | RNP1 |
| TF | BERMI | - | $200^{\circ}$ <br> $\left(202^{\circ}\right)$ | - | 13.7 | - | - | - | RNP1 |

WAYPOINT LIST

| Waypoint <br> Identifier | Coordinates |
| :---: | :---: |
| CR601 | $38^{\circ} 07^{\prime} 59.26^{\prime \prime} \mathrm{N} 015^{\circ} 26^{\prime} 22.26^{\prime \prime} \mathrm{E}$ |
| CR602 | $37^{\circ} 52^{\prime} 19.57^{\prime \prime} \mathrm{N} \mathrm{015} 25^{\prime} 17.44^{\prime \prime} \mathrm{E}$ |
| CR603 | $38^{\circ} 08^{\prime} 39.36^{\prime \prime} \mathrm{N} \mathrm{015} 36^{\prime} 44.88^{\prime \prime} \mathrm{E}$ |
| CR604 | $38^{\circ} 12^{\prime} 22.91^{\prime \prime} \mathrm{N} \mathrm{015}{ }^{\circ} 19^{\prime} 47.10^{\prime \prime} \mathrm{E}$ |
| CR606 | $38^{\circ} 19^{\prime} 22.34^{\prime \prime} \mathrm{N} \mathrm{015} 34^{\prime} 30.31^{\prime \prime} \mathrm{E}$ |

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