

SIDs RNAV1/RNP1 FOR ACFT CAT A, B, C & D RWY 10/28 DESCRIPTION**Noise abatement procedures**

The following initial climb procedures and SIDs will be used as noise mitigation measure.

Provision of Italian Civil Aviation Authority reported in ENR 1.5 apply.

SIDs RWY 10**WARNING**

There are close-in obstacles penetrating OIS 2.5% but they were not considered for the published procedure design gradient.

ILFUG 1W

Minimum climb gradient: 4.9% (300 ft/NM).

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
CA	-	-	102° (104.9)	-	-	-	+1500	-230	RNAV1/RNP1 (1)
DF	ME686	-	-	-	-	-	-	-230	RNAV1/RNP1 (1)
TF	ME687	-	176° (179.1)	-	3.5	-	+3500	-230	RNAV1/RNP1 (1)
TF	ME606	-	217° (219.6)	-	8.0	-	+6000	-230	RNAV1/RNP1 (1)
TF	ILFUG	-	219° (221.9)	-	7.1	-	+TRL	-230	RNAV1/RNP1 (1)

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

LEGLO 1W

Minimum climb gradient: 4.9% (300 ft/NM).

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
CA	-	-	102° (104.9)	-	-	-	+1500	-230	RNAV1/RNP1 (1)
DF	ME686	-	-	-	-	-	-	-230	RNAV1/RNP1 (1)
TF	ME687	-	176° (179.1)	-	3.5	-	+3500	-230	RNAV1/RNP1 (1)
TF	ME606	-	217° (219.6)	-	8.0	-	+6000	-230	RNAV1/RNP1 (1)
TF	ME685	-	283° (285.8)	-	4.0	R	-	-230	RNAV1/RNP1 (1)
TF	LEGLO	-	024° (026.7)	-	11.8	-	+FL95 (2)	-230	RNAV1/RNP1 (1)

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

(2) FL120 only for Transition Segment to Enroute direct to DILEB.

TZO 1W (ATC discretion)**Minimum climb gradient: 4.9% (300 ft/NM) until leaving 3500FT.**

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
CA	-	-	102° (104.9)	-	-	-	+1500	-230	RNAV1/RNP1 (1)
DF	ME686	-	-	-	-	-	-	-230	RNAV1/RNP1 (1)
TF	ME687	-	176° (179.1)	-	3.5	-	+3500	-230	RNAV1/RNP1 (1)
TF	ME684	-	260° (263.0)	-	8.5	-	+ 5000	-230	RNAV1/RNP1 (1)
TF	TZO	-	277° (280.0)	-	6.4	-	+6000	-230	RNAV1/RNP1 (1)

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

SIDs RWY 28

REMARKS

- Turns shall be executed with IAS MAX 230 kt.
- Bank angle: 25° or rate of turn 2°/sec, whichever requires lesser bank.

WARNING

There are close-in obstacles penetrating OIS 2.5%.

ILFUG 1V

Minimum climb gradient: 8.3% (500 ft/NM) until leaving 6000FT.

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
CA	-	-	282° (284.9)	-	-	-	+1350	-230	RNAV1/RNP1 (1)
CF	ME611	-	222° (225.1)	3 E	-	-	+5000	-230	RNAV1/RNP1 (1)
TF	ME688	-	180° (183.0)	-	6.4	-	+6000	-230	RNAV1/RNP1 (1)
TF	ILFUG	-	154° (157.0)	-	7.9	-	+TRL	-230	RNAV1/RNP1 (1)

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

LEGLO 1V

Minimum climb gradient: 8.3% (500 ft/NM) until leaving 6000FT.

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
CA	-	-	282° (284.9)	-	-	-	+1350	-230	RNAV1/RNP1 (1)
CF	ME611	-	222° (225.1)	3 E	-	-	+5000	-230	RNAV1/RNP1 (1)
TF	ME688	-	180° (183.0)	-	6.4	-	+6000	-230	RNAV1/RNP1 (1)
TF	ME685	-	099° (102.1)	-	4.0	-	-	-230	RNAV1/RNP1 (1)
TF	LEGLO	-	024° (026.7)	-	11.8	-	+FL95 (2)	-230	RNAV1/RNP1 (1)

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

(2) FL120 only for Transition Segment to Enroute direct to DILEB.

SRN 1V

Minimum climb gradient: 8.3% (500 ft/NM) until leaving 4500FT. For ATC reasons, leaving 4500 FT, minimum climb gradient 4.6% (280 ft/NM).

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
CA	-	-	282° (284.9)	-	-	-	+1350	-230	RNAV1/RNP1 (1)
CF	ME682	-	264° (266.9)	3 E	-	-	+6000	-230	RNAV1/RNP1 (1)
TF	ME683	-	264° (266.7)	-	10.0	-	+FL90	-230	RNAV1/RNP1 (1)
TF	SRN	-	264° (266.5)	-	4.8	-	+FL100	-230	RNAV1/RNP1 (1)

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

TZO 1V

Minimum climb gradient: 8.3% (500 ft/NM).

Path Terminator	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed Limit (kt)	Navigation Specification
CA	-	-	282° (284.9)	-	-	-	+1350	-230	RNAV1/RNP1 (1)
CF	ME611	-	222° (225.1)	3 E	-	-	+5000	-230	RNAV1/RNP1 (1)
TF	TZO	-	222° (225.1)	-	3.0	-	+6000	-230	RNAV1/RNP1 (1)

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

WAYPOINT LIST

Waypoint Identifier	Coordinates
ME606	45°27'21.65" N 009°44'06.22" E
ME611	45°35'40.45" N 009°33'27.01" E
ME682	45°39'39.21" N 009°22'23.58" E
ME683	45°39'03.44" N 009°08'09.70" E
ME684	45°32'27.39" N 009°39'21.48" E
ME685	45°28'27.57" N 009°38'35.36" E
ME686	45°36'59.96" N 009°51'14.01" E
ME687	45°33'30.02" N 009°51'18.49" E
ME688	45°29'18.24" N 009°32'59.02" E