

STAR RNAV(GNSS) RWY 22L

STAR MIVKI1G

Path Terminator	Waypoint Identifier	Fly Over	Track °Mag (°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Navigation Performance
IF	MIVKI						+FL120		RNAV 1
TF	GIPIX		162°(165.6°)	4	10.0		+FL120		RNAV 1
TF	ACCUR		162°(165.1°)	4	3.0		+FL110		RNAV 1
TF	IZBOC		162°(165.1°)	4	7.0		+FL100		RNAV 1
TF	PETWA		224°(227.8°)	4	5.5		-FL160 +FL100		RNAV 1
TF	RP472		235°(238.1°)	4	5.4		+FL100		RNAV 1
TF	RP467		213°(216.5°)	4	5.0		+FL80	250	RNAV 1
TF	RP451		123°(126.5°)	4	6.0	L	+6000		RNAV 1
TF	RP435		123°(126.6°)	4	6.0		+5000	240	RNAV 1
TF	UNPIV		123°(126.6°)	4	6.0		+5000		RNAV 1
TF	UBHAM		123°(126.7°)	4	6.0		+5000	210	RNAV 1
TF	RP540		033°(036.8°)	4	5.0	L	+5000		RNAV 1
TF	IVAPE		033°(036.8°)	4	5.0		+5000		RNAV 1

STAR KONER 1G

Path Terminator	Waypoint Identifier	Fly Over	Track °Mag (°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Navigation Performance
IF	KONER						+FL110		
TF	GEFUF		049°(052.1°)	4	13.5		+FL110		RNAV 1
TF	RP572		049°(052.3°)	4	3.0		+FL100		RNAV 1
TF	RP467		049°(052.4°)	4	5.0		+FL80	250	RNAV 1
TF	RP451		123°(126.5°)	4	6.0	R	+6000		RNAV 1
TF	RP435		123°(126.6°)	4	6.0		+5000	240	RNAV 1
TF	UNPIV		123°(126.6°)	4	6.0		+5000		RNAV 1
TF	UBHAM		123°(126.7°)	4	6.0		+5000	210	RNAV 1
TF	RP540		033°(036.8°)	4	5.0	L	+5000		RNAV 1
TF	IVAPE		033°(036.8°)	4	5.0		+5000		RNAV 1

STAR ELB 1G

Path Terminator	Waypoint Identifier	Fly Over	Track °Mag (°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Navigation Performance
IF	ELB VOR						-FL180 +FL110		RNAV 1

TF	GOVGO		351°(354.3°)	4	26.8		+FL110	250	RNAV 1
TF	RP662		351°(354.2°)	4	6.2		+FL80	240	RNAV 1
TF	UBHAM		005°(008.2°)	4	12.5		+5000	210	RNAV 1
TF	RP540		033°(036.8°)	4	5.0		+5000		RNAV 1
TF	IVAPE		033°(036.8°)	4	5.0		+5000		RNAV 1

STAR MAREL 1G

Path Terminator	Waypoint Identifier	Fly Over	Track °Mag (°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude Constraint	Speed Limit KIAS	Navigation Performance
IF	MAREL						-FL160 +FL110		RNAV 1
TF	FORWI		275°(279.1°)	4	6.2		+FL110	240	RNAV 1
TF	VACEC		343°(346.7°)	4	7.8		+FL80*		RNAV 1
TF	UBHAM		303°(306.9°)	4	6.0		+5000	210	RNAV 1
TF	RP540		033°(036.8°)	4	5.0	R	+5000		RNAV 1
TF	IVAPE		033°(036.8°)	4	5.0		+5000		RNAV 1

*: (FORWI – VACEC) MEL FL 80 or TL if higher.

HOLDINGS RWY 22L

UBHAM HOLDING PATTERN (RNAV)

Path Terminator	Waypoint Identifier	Inbound Track °M(°T)	Leg Distance (min)(2)	Turn Direction	Altitude Constraint	Speed Limit KIAS	D (NM)(1)	WD (NM)(2)	TYPE
HM	UBHAM	033°(036.6°)	1	R	+5000	210	3.9	5.1	RNAV1

IVAPE HOLDING PATTERN (RNAV)(3)

Path Terminator	Waypoint Identifier	Inbound Track °M(°T)	Leg Distance (min)(2)	Turn Direction	Altitude Constraint	Speed Limit KIAS	D (NM)(1)	WD (NM)(2)	TYPE
HM	IVAPE	033°(036.6°)	1	R	+5000	200	3.7	4.8	RNAV1

(1): For RNAV system with holding functionality.

(2): For RNAV system without holding functionality.

(3): IVAPE holding procedure above FL 80 partially inside Firenze CTR.

Waypoint Table Formatted according ARINC 424 standards STAR RWY 22L

WAYPOINT	LATITUDE	LONGITUDE
MIVKI	N44132743	E010041382
GIPIX	N44034304	E010074236
ACCUR	N44004905	E010084636
IZBOC	N43540054	E010111622
PETWA	N43501660	E010053487
KONER	N43301700	E009314800
GEFUF	N43383193	E009462666
UNPIV	N43324100	E010150400
UBHAM	N43290536	E010214062
IVAPE	N43370558	E010295540
ELB VOR	N42435047	E010234461
GOVGO	N43103300	E010200500
MAREL	N43165500	E010390500
FORWI	N43175363	E010304429
RP472	N43472620	E009591689
RP467	N43432505	E009551053
RP451	N43395068	E010014921
RP435	N43361596	E010082713
VACEC	N43252949	E010281619
RP540	N43330555	E010254774
RP572	N43402193	E009494294
RP662	N43164107	E010191402