

MIPS
INSTRUMENT APPROACH CHART

AD ELEV 192

RNP (LNAV) ARINC CODING
KLEINE-BROGEL (EBBL)

EBBL RNP RWY 23R (LNAV) COORDINATES AND CODING (PAGE 4-30) :

WAYPOINTS COORDINATES:

- BL400: 51°16.91' N 005°29.44' E - IAF
- BL401: 51°20.71' N 005°36.66' E
- BL402: 51°17.03' N 005°41.40' E - IF
- BL412: 51°13.51' N 005°34.69' E - FAF
- RW23R: 51°10.53' N 005°29.00' E - THR 23R / MAPT
- BL405: 51°08.67' N 005°25.47' E
- BL406: 51°12.28' N 005°20.65' E
- BL410: 51°06.84' N 005°39.84' E - IAF
- BL411: 51°13.99' N 005°48.06' E

Seq Number	Path Terminator	WP Name	Role of the FIX	Fly-Over	Course (T°)	Turn Direction	Altitude Constraint	Speed Constraint	Vertical Path Angle
INITIAL APPROACH BL410									
010	IF	BL410	IAF	N	-	-	4000/3000	MAX 230Kts	-
020	HM	BL410	IAF	Y	035.8	L	4000/3000	MAX 230Kts	-
030	TF	BL411	OTHER	N	035.8	-	@3000	MAX 230Kts	-
040	TF	BL402	IF	N	306.1	L	2500/1700	MAX 230Kts	-4.49%
INITIAL APPROACH BL400									
010	IF	BL400	IAF	N	-	-	4000/3000	MAX 230Kts	-
020	TF	BL401	OTHER	N	049.9	-	@3000	MAX 230Kts	-
030	TF	BL402	IF	N	141.1	R	2500/1700	MAX 230Kts	-4.97%
FINAL APPROACH RWY 23R									
010	IF	BL402	IF	N	-	-	2500/1700	-	-
020	TF	BL412	FAF	N	230.2	-	@1700	-	-
030	TF	RW23R	MAPT	Y	230.2	-	+213	MAX 165Kts	-5.24%(3.00°)
MISSED APPROACH (CG 2.5%)									
010	IF	RW23R	MAPT	Y	-	-	See Minima	MAX 165Kts	-
020	TF	BL405	Other	N	230.1	-	+704	MAX 165Kts	+2.5%
030	TF	BL406	Other	N	320.0	R	+1316	MAX 165Kts	+2.5%
040	TF	BL400	IAF/MAHF	Y	049.9	R	@3000	MAX 165Kts	+2.5%

EBBL RNP RWY 05L (LNAV) COORDINATES AND CODING (PAGE 4-32) :

WAYPOINTS COORDINATES:

- BL500: 51°12.02' N 005°17.22' E - IAF
- BL501: 51°08.66' N 005°10.92' E
- BL502: 51°04.16' N 005°16.94' E - IF
- BL512: 51°06.75' N 005°21.83' E - FAF
- BL513: 51°08.56' N 005°25.27' E - SDF
- RW05L: 51°09.69' N 005°27.41' E - THR 05L / MAPT
- BL505: 51°12.12' N 005°32.04' E
- BL506: 51°15.77' N 005°27.16' E
- BL510: 51°01.94' N 005°12.77' E - IAF

Seq Number	Path Terminator	WP Name	Role of the FIX	Fly-Over	Course (T°)	Turn Direction	Altitude Constraint	Speed Constraint	Vertical Path Angle
INITIAL APPROACH BL500									
010	IF	BL500	IAF	N	-	-	4000/3000	-	-
020	TF	BL501	OTHER	N	229.7	-	4000/3000	-	-
030	TF	BL502	IF	N	139.9	L	2500/1700	-	-4.0%
INITIAL APPROACH BL510									
010	IF	BL510	IAF	N	-	-	3000/2000	-	-
020	TF	BL502	IF	N	049.8	-	2500/1700	-	-1.4%
FINAL APPROACH RWY 05L									
010	IF	BL502	IF	N	-	-	2500/1700	-	-
020	TF	BL512	FAF	N	050.0	-	@1700	-	-
030	TF	BL513	SDF	N	050.1	-	+800	MAX 190Kts	-5.24%(3.00°)
040	TF	RW05L	MAPT	Y	049.8	-	+235	MAX 190Kts	-5.24%(3.00°)
MISSED APPROACH (CG 4.3%)									
010	IF	RW05L	MAPT	Y	-	-	See Minima	MAX 190Kts	-
020	TF	BL505	Other	N	050.1	-	+940	MAX 190Kts	+4.3%
030	TF	BL506	Other	N	320.0	L	+1545	MAX 190Kts	+4.3%
040	TF	BL500	IAF/MAHF	Y	239.1	L	@3000	MAX 190Kts	+2.5%

CHANGE: Altitude IF BL410 updated

BEL DEFENCE, AIR COMPONENT 11-JUL-2024 - THS

RNP (LNAV) ARINC CODING

51°10.10' N
005°28.19' E

KLEINE-BROGEL (EBBL)