

MIPS

INSTRUMENT APPROACH CHART

AD ELEV 192

RNP ARINC CODING
KLEINE-BROGEL (EBBL)

EBBL RNP RWY 23R COORDINATES AND CODING (PAGE 4-31):

WAYPOINTS COORDINATES:
CUFPU: 51°17.35' N 005°29.59' E - IAF
BL601: 51°20.55' N 005°35.71' E
IBZOG: 51°16.71' N 005°40.80' E - IF
BL612: 51°13.51' N 005°34.69' E - FAF
RW23R: 51°10.53' N 005°29.00' E - THR 23R / MAPT
BL605: 51°08.67' N 005°25.47' E
BL606: 51°12.50' N 005°20.36' E
DEBJE: 51°09.69' N 005°39.79' E - IAF
BL611: 51°12.87' N 005°45.89' 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 DEBJE									
010	IF	DEBJE	IAF	N	-	-	4000/3000	MAX 240Kts	-
020	HM	DEBJE	IAF	Y	-	R	4000/3000	MAX 240Kts	-
030	TF	BL611	OTHER	N	050.2	-	@3000	MAX 240Kts	-
040	TF	IBZOG	IF	N	320.3	L	2500/1800	MAX 240Kts	-4.78%
INITIAL APPROACH CUFPU									
010	IF	CUFPU	IAF	N	-	-	4000/3000	MAX 240Kts	-
020	TF	BL601	OTHER	N	050.1	-	@3000	MAX 240Kts	-
030	TF	IBZOG	IF	N	140.1	R	2500/1800	MAX 240Kts	-4.78%
FINAL APPROACH RWY 23R									
010	IF	IBZOG	IF	N	-	-	2500/1800	-	-
020	TF	BL612	FAF	N	230.2	-	@1700	-	-0.33%
030	TF	RW23R	MAPT	Y	230.2	-	+215	MAX 165Kts	-5.24%(3.00°)
MISSED APPROACH (CG 2.5%)									
010	IF	RW23R	MAPT	Y	-	-	See Minima	MAX 165Kts	-
020	TF	BL605	OTHER	N	230.1	-	+740	MAX 165Kts	+2.5%
030	TF	BL606	OTHER	N	320.0	R	+1377	MAX 165Kts	+2.5%
040	TF	CUFPU	IAF/MAHF	Y	050.0	R	@3000	MAX 165Kts	+2.5%

EBBL RNP RWY 05L COORDINATES AND CODING (PAGE 4-33):

WAYPOINTS COORDINATES:
AWQAG: 51°10.98' N 005°13.45' E - IAF
BL701: 51°07.36' N 005°10.65' E
EBLOQ: 51°03.54' N 005°15.76' E - IF
BL702: 51°06.75' N 005°21.83' E - FAF
RW05L: 51°09.70' N 005°27.41' E - THR 05L / MAPT
BL705: 51°12.13' N 005°32.04' E
BL706: 51°15.96' N 005°26.94' E
BL606: 51°12.50' N 005°20.36' E
CIHIH: 51°01.60' N 005°12.11' E - IAF
EMACE: 51°05.66' N 005°08.27' 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 AWQAG									
010	IF	AWQAG	IAF	N	-	-	4000/3000	-	-
020	TF	BL701	OTHER	N	206.0	-	4000/3000	-	-
030	TF	EBLOQ	IF	N	139.9	L	2500/1800	-	-4.5%
INITIAL APPROACH CIHIH									
010	IF	CIHIH	IAF	N	-	-	3000/2000	-	-
020	TF	EBLOQ	IF	N	049.9	-	2500/1800	-	-1.1%
INITIAL APPROACH EMACE									
010	IF	EMACE	IAF	N	-	-	4000/3000	-	-
020	TF	EBLOQ	IF	N	114.2	L	2500/1800	-	-3.9%
FINAL APPROACH RWY 05L									
010	IF	EBLOQ	IF	N	-	-	2500/1800	-	-
020	TF	BL702	FAF	N	049.9	-	@1700	-	-0.33%
030	TF	RW05L	MAPT	Y	050.0	-	+239	MAX 190Kts	-5.24%(3.00°)
MISSED APPROACH (CG 4.3%)									
010	IF	RW05L	MAPT	Y	-	-	See Minima	MAX 190Kts	-
020	TF	BL705	OTHER	N	050.1	-	+1168	MAX 190Kts	+4.3%
030	TF	BL706	OTHER	N	320.1	L	+2231	MAX 190Kts	+4.3%
040	TF	BL606	OTHER	N	230.1	L	+2978	MAX 190Kts	+2.5%
050	TF	AWQAG	IAF/MAHF	Y	250.8	R	@3000	MAX 190Kts	+2.5%

RNP ARINC CODING

51°10.10' N
005°28.19' E

KLEINE-BROGEL (EBBL)