

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 22-2010

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport EBBL

EBBL (Kleine-Brogel)**General Info**

Kleine-Brogel, BEL

N 51° 10.1' E 05° 28.2' Mag Var: 1.2°W

Elevation: 200'

Military, IFR, Control Tower, Customs, Landing Fee,

Jet Starting Unit available

Fuel: 100-130, Jet A-1

Oxygen: High Pressure, Low Pressure

Time Zone Info: GMT+1:00 uses DST

Runway Info

Runway 05L-23R 10156' x 148' asphalt

Runway 05R-23L 7874' x 75' asphalt

Runway 05L (50.0°M) TDZE 193'

Lights: Edge, ALS

Displaced Threshold Distance 2046'

Runway 05R (50.0°M) TDZE 198'

Lights: Edge

Runway 23L (230.0°M) TDZE 170'

Lights: Edge

Runway 23R (230.0°M) TDZE 179'

Lights: Edge, ALS

Displaced Threshold Distance 2116'

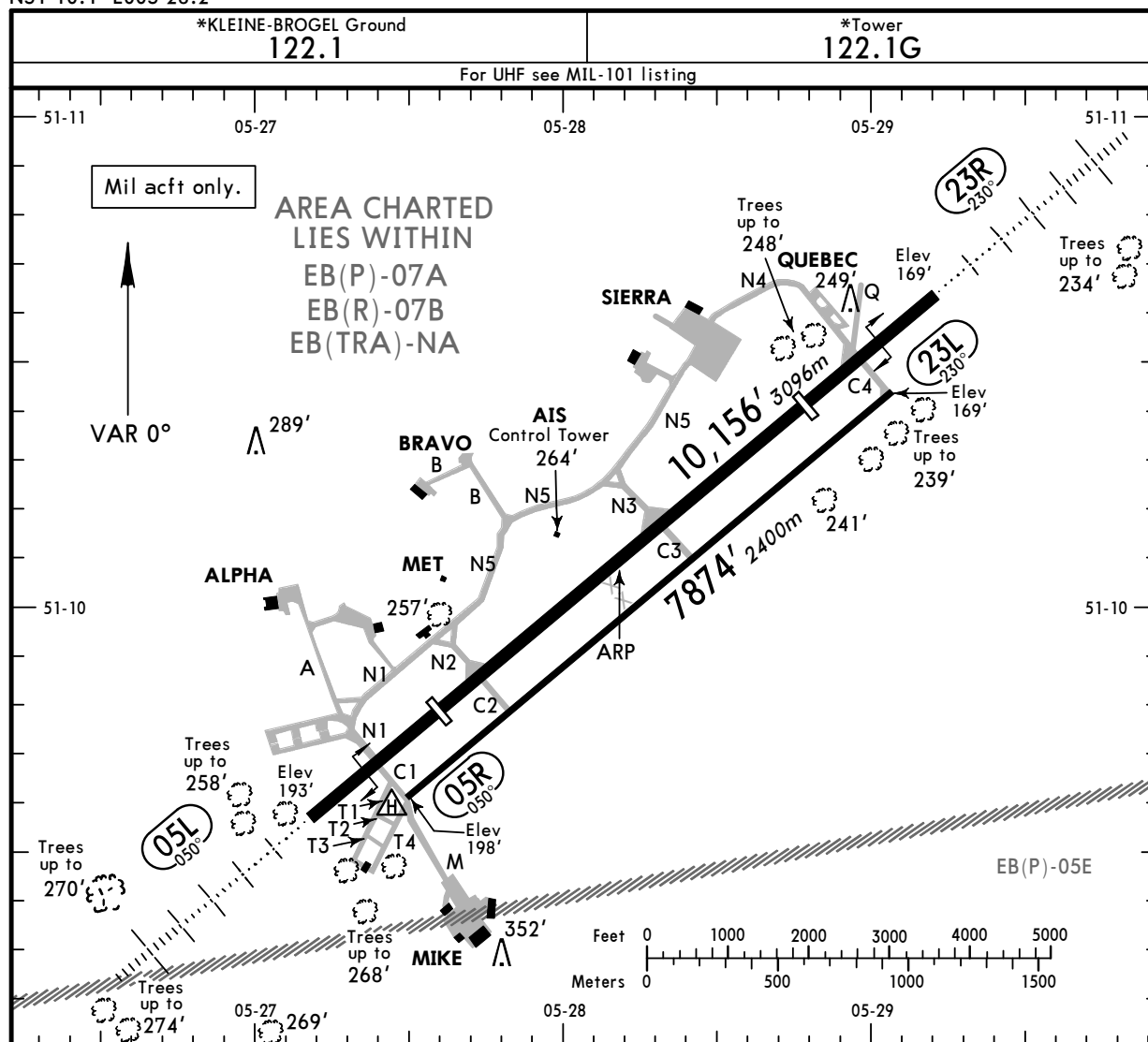
Communications InfoKleine-Brogel Tower **122.1** MilitaryKleine-Brogel Tower **314.37** MilitaryKleine-Brogel Tower **257.80** MilitaryKleine-Brogel Ground Control **122.1** MilitaryKleine-Brogel Ground Control **278.92** MilitaryKleine-Brogel PAR Approach Control **123.3** Secondary MilitaryKleine-Brogel PAR Approach Control **284.27** Secondary MilitaryKleine-Brogel PAR Approach Control **282.20** Secondary MilitaryKleine-Brogel Approach Control **122.5** MilitaryKleine-Brogel Approach Control **362.30** MilitaryKleine-Brogel Approach Control **337.97** Military**Notebook Info**

EBBL

Apt Elev **200'**
N51 10.1 E005 28.2

JEPPesen
23 JUL 10 **(10-9)**

KLEINE-BROGEL, BELGIUM
KLEINE-BROGEL



ADDITIONAL RUNWAY INFORMATION

RWY		USABLE LENGTHS			
		LANDING BEYOND		TAKE-OFF	WIDTH
		Threshold	Glide Slope		
05L	HIRL (30m) HIALS SFL PAPI (angle 2.50°)	8110' 2472m		9205' 2806m	148'
	23R HIRL (30m) HIALS SFL PAPI (angle 2.75°)	8040' 2451m	7007' 2136m	9174' 2796m	45m
05R	RL	6890' 2100m		6890' 2100m	75'
		6794' 2071m		6814' 2077m	23m

1 To be used only by qualified 10W Tac F-16 aircrew.

Standard

TAKE-OFF 1

	LVP must be in Force		
	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A			
B	250m	400m	500m
C			
D	300m		

1 Operators applying U.S. Ops Specs: CL required below 300m.

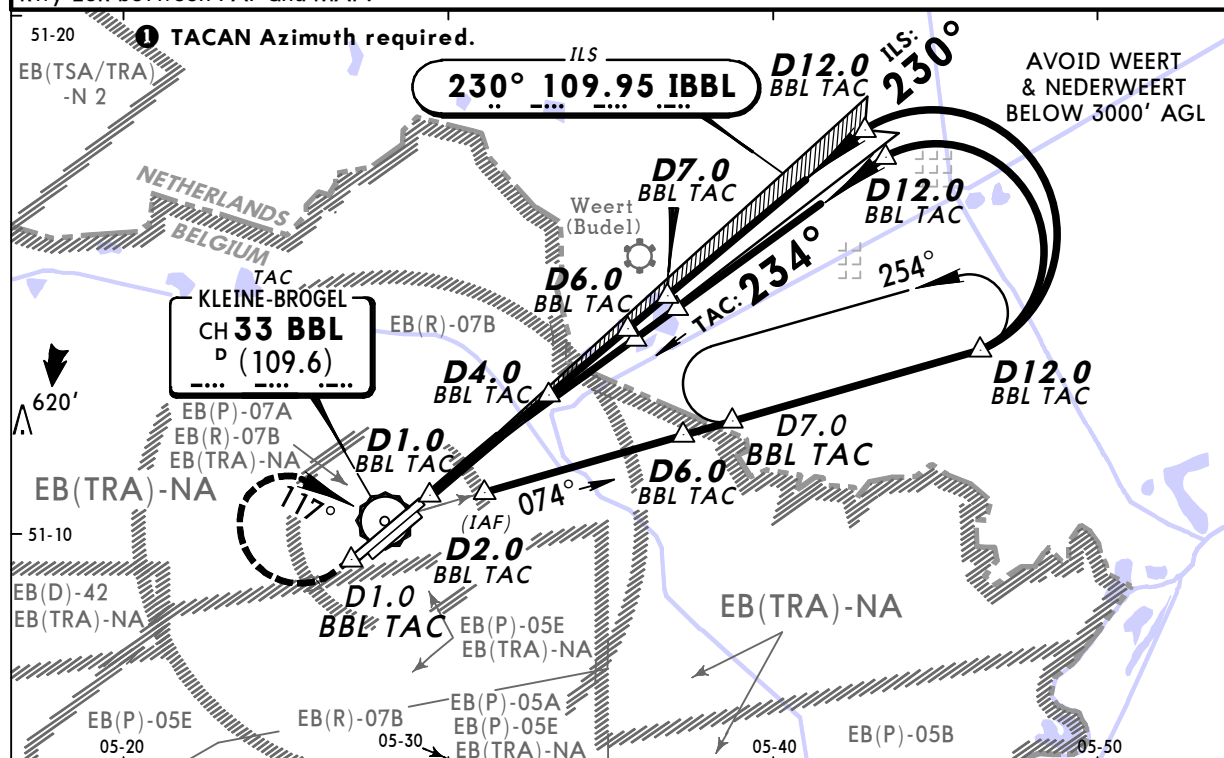
EBBL
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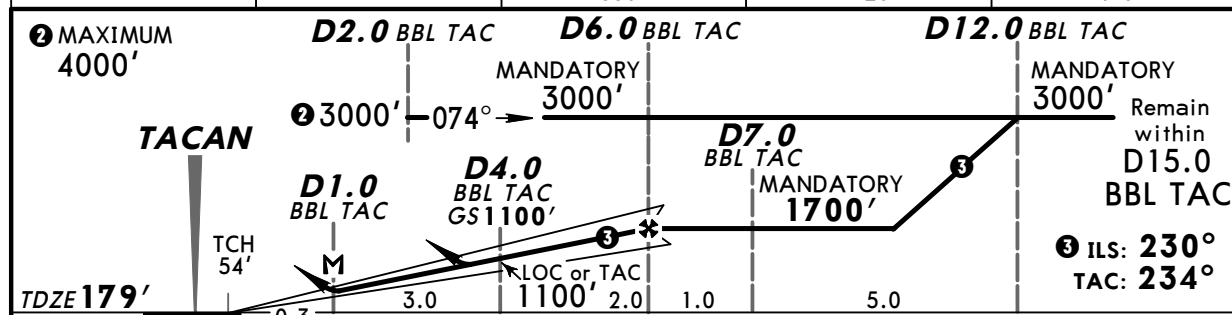
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KLEINE-BROGEL, BELGIUM
DME or TACAN Rwy 23R

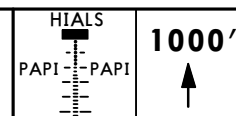
*KLEINE-BROGEL Approach 122.5G		*KLEINE-BROGEL Tower 122.1G		*Ground 122.1	
For UHF see MIL-101 listing					
LOC IBBL 109.95	ILS Final Apch Crs 230°	GS D4.0 BBL TAC 1100' (921')	ILS DA(H) 379' (200')	Apt Elev 200'	
TACAN BBL CH 33	TACAN Final Apch Crs 234°	Mandatory Alt D6.0 BBL TAC 1700' (1521')	TACAN DA(H) 620' (441')	TDZE 179'	
MISSED APCH: Climb STRAIGHT AHEAD to 1000'. At D1.0 BBL TAC passed TACAN climbing turn RIGHT onto 117°. Pass overhead TACAN at 3000' and intercept R-074 outbound BBL TAC. If no radio contact, proceed for a TACAN or ILS DME rwy 23R at 3000'.					MSA BBL TACAN
Alt Set: hPa (IN on req) TDZ Elev: 7 hPa Trans level: By ATC Trans alt: 4500'					
BBL TACAN is restricted in use due to possible bearing errors greater than 3.5° during approach on Rwy 23R between EAF and MAP.					



LOC (GS out) or TACAN	BBL TAC	3.0	4.0	5.0
	ALTITUDE	830'	1120'	1410'



<i>Gnd Speed-Kts</i>	70	90	100	120	140	160
ILS GS or LOC or TAC Descent angle 2.75°	346	444	494	593	691	790
MAP at D1.0 BBL TAC						



Standard		STRAIGHT-IN LANDING RWY 23R				CEILING REQUIRED	
ILS		LOC (GS out)		TACAN			
DA(H) 379'(200')		DA(H) 620'(441')		DA(H) 620'(441')			
FULL/Limited		ALS out		ALS out			
A	200'- 800m	200'- 1200m	500'- 1400m	500'- 1600m	500'- 1400m	500'- 1600m	
B				500'- 2100m		500'- 2100m	
C			500'- 1600m	500'- 2400m	500'- 1600m	500'- 2400m	
D							

EBBL KLEINE-BROGEL

23 JUL 10

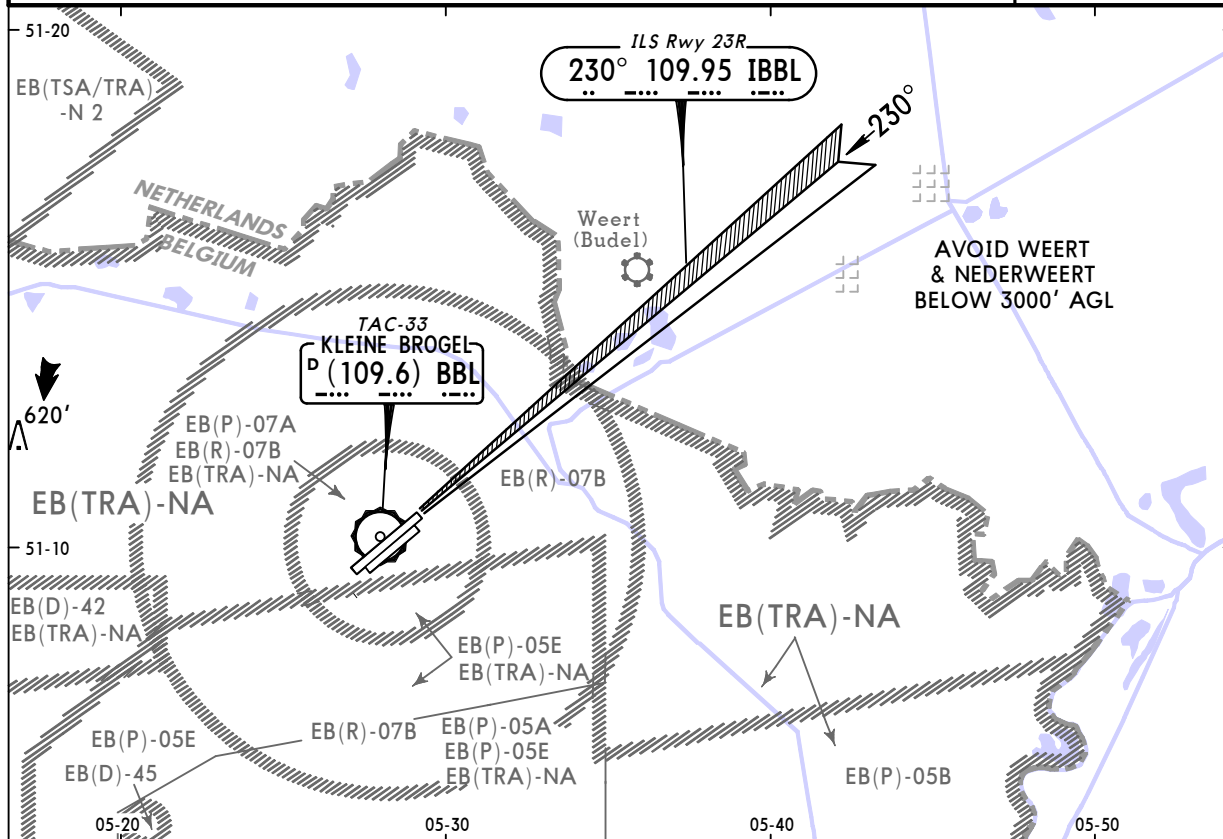
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KLEINE-BROGEL, BELGIUM

*PAR or *ASR Rwy 05L, 23R

BRIEFING STRIP

*KLEINE-BROGEL Approach 122.5G		*KLEINE-BROGEL Tower 122.1G		*Ground 122.1	
For UHF see MIL-101 listing					
RADAR	Final Apch Crs BY ATC	PAR GS No Alt published	Minimum Alt No FAF	DA(H)/MDA(H) Refer to Minimums	Apt Elev 200' TDZE RWY 05L 193' TDZE RWY 23R 179'
MISSED APCH: As directed by RADAR CONTROLLER.					No MSA published
Alt Set: hPa (IN on req) Apt Elev: 7 hPa Trans level: By ATC Trans alt: 4500'					



RWY 05L
PAR TCH 30'

RWY 23R
PAR TCH 33'

Gnd speed-Kts	70	90	100	120	140	160	Lighting- Refer to Airport Chart	Refer to Missed Apch above
Rwy 05L PAR GS 2.50°	315	405	450	539	629	719		
Rwy 23R PAR GS 2.75°	346	444	494	593	691	790		

Standard		STRAIGHT-IN LANDING				CEILING REQUIRED	
PAR 05L		PAR 23R		ASR 05L		ASR 23R	
<i>DA(H)</i> 393' (200')		<i>DA(H)</i> 379' (200')		<i>MDA(H)</i> 660' (467')		<i>MDA(H)</i> 620' (441')	
ALS out		ALS out		ALS out		ALS out	
A				500'- 1700m	500'- 2400m	500'- 1600m	500'- 2300m
B							
C	200'- 800m	200'- 1200m	200'- 800m	200'- 1200m			
D					500'- 1900m	500'- 2600m	500'- 1800m

TERPS