

HAMBURG
RNAV RWY 23

STANDARD INSTRUMENT DEPARTURE
ROUTES (SID)

Designator			Route		After Take-Off				Procedure remarks		
					Climb to		Contact				
IDEKO 8B			IDEKO EIGHT BRAVO Climb on course 226° to 500, direct to DH100, to DH116, to DH163, to IDEKO. Max. IAS 210 Kts until passing DH100.		5000 ft		BREMEN RADAR 120.540 Remain on TWR frequency until passing altitude 2000 ft, then contact Bremen Radar.				
Route Type	Path Terminator	Waypoint Identifier	Coordinates	Fly-over	(True Track) MAG Track (°)	Distance (NM)	Turn Direction	Altitude (ft) Flight Level	Speed Limit (kt IAS)	NAV Specification	Remark
Common	CA	-	-	-	(T230.3) 226	-	-	A500+	-	RNAV 1	-
Common	DF	DH100	N 53 34 02.65 E 009 51 33.05	N	-	-	-	-	210-	RNAV 1	-
Common	TF	DH116	N 53 24 25.96 E 009 31 51.46	N	(T230.8) 227	15.2	-	-	-	RNAV 1	-
Common	TF	DH163	N 53 19 29.13 E 009 30 53.41	N	(T186.7) 182	5.0	-	-	-	RNAV 1	-
Common	TF	IDEKO	N 52 59 38.21 E 009 27 01.78	N	(T186.7) 182	20.0	-	-	-	RNAV 1	-

Designator			Route		After Take-Off				Procedure remarks		
					Climb to		Contact				
LUGEG 3B			LUGEG THREE BRAVO Climb on course 226° to 500, direct to DH111; RT, direct to DH102, to DH106, to DH112, to DH104, to DH166, to LUGEG. Pass DH106 at 4000 or above. Max. IAS 210 Kts until passing DH102.		5000 ft		BREMEN RADAR 120.540 Remain on TWR frequency until passing altitude 2000 ft, then contact Bremen Radar.		1. Altitude constraint at DH106 due to procedural requirements. 2. If unable to pass DH106 at 4000 or above, advice ATC upon start-up.		
Route Type	Path Terminator	Waypoint Identifier	Coordinates	Fly-over	(True Track) MAG Track (°)	Distance (NM)	Turn Direction	Altitude (ft) Flight Level	Speed Limit (kt IAS)	NAV Specification	Remark
Common	CA	-	-	-	(T230.3) 226	-	-	A500+	-	RNAV 1	-
Common	DF	DH111	N 53 34 31.74 E 009 52 32.92	Y	-	-	-	-	-	RNAV 1	-
Common	DF	DH102	N 53 37 26.35 E 009 47 43.28	N	-	-	R	-	210-	RNAV 1	-
Common	TF	DH106	N 53 40 21.79 E 009 51 54.16	N	(T040.3) 036	3.8	-	A4000+	-	RNAV 1	-
Common	TF	DH112	N 53 42 51.00 E 009 55 27.48	N	(T040.3) 036	3.3	-	-	-	RNAV 1	-
Common	TF	DH104	N 53 46 33.23 E 010 02 35.21	N	(T048.7) 044	5.6	-	-	-	RNAV 1	-
Common	TF	DH166	N 53 54 07.68 E 010 31 11.88	N	(T065.7) 061	18.6	-	-	-	RNAV 1	-
Common	TF	LUGEG	N 53 56 26.67 E 010 40 04.03	N	(T066.1) 062	5.7	-	-	-	RNAV 1	-

Designator			Route		After Take-Off				Procedure remarks		
					Climb to		Contact				
RAMAR 6B			RAMAR SIX BRAVO Climb on course 226° to 500, direct to DH111; RT, direct to DH102, to DH106, to DH112, to DH104, to DH110, to DH155, to RAMAR Pass DH106 at 4000 or above. Max. IAS 210 Kts until passing DH102.		5000 ft		BREMEN RADAR 120.540 Remain on TWR frequency until passing altitude 2000 ft, then contact Bremen Radar.		1. If unable to pass DH106 at 4000 or above, advice ATC upon start-up. 2. Altitude constraint at DH106 due to procedural requirements.		
Route Type	Path Terminator	Waypoint Identifier	Coordinates	Fly-over	(True Track) MAG Track (°)	Distance (NM)	Turn Direction	Altitude (ft) Flight Level	Speed Limit (kt IAS)	NAV Specification	Remark
Common	CA	-	-	-	(T230.3) 226	-	-	A500+	-	RNAV 1	-
Common	DF	DH111	N 53 34 31.74 E 009 52 32.92	Y	-	-	-	-	-	RNAV 1	-
Common	DF	DH102	N 53 37 26.35 E 009 47 43.28	N	-	-	R	-	210-	RNAV 1	-
Common	TF	DH106	N 53 40 21.79 E 009 51 54.16	N	(T040.3) 036	3.8	-	A4000+	-	RNAV 1	-
Common	TF	DH112	N 53 42 51.00 E 009 55 27.48	N	(T040.3) 036	3.3	-	-	-	RNAV 1	-
Common	TF	DH104	N 53 46 33.23 E 010 02 35.21	N	(T048.7) 044	5.6	-	-	-	RNAV 1	-
Common	TF	DH110	N 53 51 01.64 E 010 19 24.84	N	(T065.7) 061	10.9	-	-	-	RNAV 1	-
Common	TF	DH155	N 53 48 02.99 E 010 41 45.12	N	(T102.5) 098	13.6	-	-	-	RNAV 1	-
Common	TF	RAMAR	N 53 42 38.85 E 010 56 19.78	N	(T121.9) 118	10.2	-	-	-	RNAV 1	-