

STANDARD INSTRUMENT DEPARTURE (SID)  
RNAV (GPS, DME/DME/, DME/DME/IRU)

HAMBURG  
RWY 23

Designator	Route			After Take-Off				Procedure Remarks/ Procedure Timesheet		
				Climb to		Contact				
IDEKO 6B	IDEKO SIX BRAVO Climb on course 228° to 500 ft. Direct DH116, to DH163, to IDEKO.			5000 ft		Bremen Radar 134.255 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		Additional conventional first segment description: Climb straight ahead 2000 ft. Direct DH116.		
Recommended 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	Remarks
CA	-	-	-	(230.3) 228	-	-	A500+	-	RNAV-1	-
DF	DH116	N 53 24 25.96 E 009 31 51.46	-	-	-	-	-	-	RNAV-1	-
TF	DH163	N 53 19 29.13 E 009 30 53.41	-	(186.7) 184	5.0	-	-	-	RNAV-1	-
TF	IDEKO	N 52 59 38.21 E 009 27 01.78	-	(186.7) 184	20.0	-	-	-	RNAV-1	-

Designator	Route			After Take-Off				Procedure Remarks/ Procedure Timesheet		
				Climb to		Contact				
LUGEG 1B	LUGEG ONE BRAVO Climb on course 228° to 500 ft. Direct DH111. RT direct DH102, to DH112, to DH104, to DH166, to LUGEG. MAX IAS 210 KT until passing DH102.			5000 ft		Bremen Radar 119.510 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		Additional conventional first segment description: Climb straight ahead to 5.5 DME ALF. RT direct DH102.		
Recommended 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	Remarks
CA	-	-	-	(230.3) 228	-	-	A500+	-	RNAV-1	-
DF	DH111	N 53 34 31.74 E 009 52 32.92	Y	-	-	-	-	-	RNAV-1	-
DF	DH102	N 53 37 26.35 E 009 47 43.28	-	-	-	R	-	210-	RNAV-1	-
TF	DH112	N 53 42 51.00 E 009 55 27.48	-	(040.3) 038	7.1	-	-	-	RNAV-1	-
TF	DH104	N 53 46 33.23 E 010 02 35.21	-	(048.7) 046	5.6	-	-	-	RNAV-1	-
TF	DH166	N 53 54 07.68 E 010 31 11.88	-	(065.7) 063	18.6	-	-	-	RNAV-1	-
TF	LUGEG	N 53 56 26.67 E 010 40 04.03	-	(066.1) 063	5.7	-	-	-	RNAV-1	-

Designator	Route			After Take-Off				Procedure Remarks/ Procedure Timesheet		
				Climb to		Contact				
RAMAR 4B	RAMAR FOUR BRAVO Climb on course 228° to 500 ft. Direct DH111. RT direct DH102, to DH112, to DH104, to DH110, to DH155, to RAMAR. MAX IAS 210 KT until passing DH102.			5000 ft		Bremen Radar ↓ 119.510 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		Additional conventional first segment description: Climb straight ahead to 5.5 DME ALF. RT direct DH102.		
Recommended 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	Remarks
CA	-	-	-	(230.3) 228	-	-	A500+	-	RNAV-1	-
DF	DH111	N 53 34 31.74 E 009 52 32.92	Y	-	-	-	-	-	RNAV-1	-
DF	DH102	N 53 37 26.35 E 009 47 43.28	-	-	-	R	-	210-	RNAV-1	-
TF	DH112	N 53 42 51.00 E 009 55 27.48	-	(040.3) 038	7.1	-	-	-	RNAV-1	-
TF	DH104	N 53 46 33.23 E 010 02 35.21	-	(048.7) 046	5.6	-	-	-	RNAV-1	-
TF	DH110	N 53 51 01.64 E 010 19 24.84	-	(065.7) 063	10.9	-	-	-	RNAV-1	-
TF	DH155	N 53 48 02.99 E 010 41 45.12	-	(102.5) 100	13.6	-	-	-	RNAV-1	-
TF	RAMAR	N 53 42 38.85 E 010 56 19.78	-	(121.9) 119	10.2	-	-	-	RNAV-1	-

Designator	Route			After Take-Off				Procedure Remarks/ Procedure Timesheet		
				Climb to		Contact				
WSN 2B	WESER TWO BRAVO Climb on course 228° to 500 ft. Direct DH100, to DH168, to WSN.			5000 ft		Bremen Radar 134.255 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		Additional conventional first segment description: Climb straight ahead to 5.5 DME ALF. RT direct WSN.		
Recommended 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	Remarks
CA	-	-	-	(230.3) 228	-	-	A500+	-	RNAV-1	-
DF	DH100	N 53 34 02.65 E 009 51 33.05	-	-	-	-	-	-	RNAV-1	-
TF	DH168	N 53 27 20.53 E 009 21 15.00	-	(249.8) 247	19.3	-	-	-	RNAV-1	-
TF	WSN	N 53 20 49.81 E 008 52 29.04	-	(249.4) 247	18.4	-	-	-	RNAV-1	-