

HAMBURG
RWY 15

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

Designator	Route			After Take-Off				Procedure Remarks/ Procedure Timesheet		
				Climb to		Contact				
IDEKO 7D	IDEKO SEVEN DELTA Climb on course 150° to 500 ft. Direct DH202, RT direct DH216, to DH220, to DH163, to IDEKO. Cross DH202 at or above 2000 ft. MAX IAS 210 KT until passing DH216.			5000 ft		Bremen Radar 134.255 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		PDG 7.1% (430 ft/NM) until crossing DH202 due to procedure requirement. Additional conventional first segment description: Climb straight ahead 1000 ft, direct DH202.		
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	-	-	-	(152.8) 150	-	-	A500+	-	RNAV-1	-
DF	DH202	N 53 33 38.36 E 010 03 19.18	Y	-	-	-	A2000+	-	RNAV-1	-
DF	DH216	N 53 30 33.03 E 010 00 49.62	-	-	-	R	-	210-	RNAV-1	-
TF	DH220	N 53 26 34.61 E 009 32 16.77	-	(257.1) 254	17.5	-	-	-	RNAV-1	-
TF	DH163	N 53 19 29.13 E 009 30 53.41	-	(186.7) 184	7.2	-	-	-	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 1D	LUGEG ONE DELTA Climb on course 150° to 500 ft. Direct DH200. Climb on course 150° to 1500 ft. LT direct to HAM, to DH162, to LUGEG. Climb with 5.6% (340 ft /NM) until passing 2500 ft.			5000 ft		Bremen Radar 119.510 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		PDG 5.6 % (340 ft/NM) until passing 2500 due to High Intensity Radio Transmission Area (HIRTA). Additional conventional first segment description: Climb straight ahead to 2.5 DME ALF or 1500 ft, whichever is later. LT direct HAM.		
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	-	-	-	(152.8) 150	-	-	A500+	-	RNAV-1	-
DF	DH200	N 53 35 51.48 E 010 01 25.84	Y	-	-	-	-	-	RNAV-1	-
CA	-	-	-	(152.8) 150	-	-	A1500+	-	RNAV-1	-
DF	HAM	N 53 41 08.07 E 010 12 17.99	-	-	-	L	-	-	RNAV-1	-
TF	DH162	N 53 52 39.87 E 010 33 09.76	-	(046.8) 044	16.9	-	-	-	RNAV-1	-
TF	LUGEG	N 53 56 26.67 E 010 40 04.03	-	(047.1) 044	5.7	-	-	-	RNAV-1	-

Designator	Route			After Take-Off				Procedure Remarks/ Procedure Timesheet		
				Climb to		Contact				
RAMAR 4D	RAMAR FOUR DELTA Climb on course 150° to 500 ft. Direct DH208, LT direct DH209, to DH212, to DH155, to RAMAR. Cross DH208 at or above 2300 ft.			5000 ft		Bremen Radar 119.510 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		PDG 5.6 % (340 ft/NM) until crossing DH208 due to High Intensity Radio Transmission Area (HIRTA). Additional conventional first segment description: Climb straight ahead 1500 ft, direct DH208.		
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	-	-	-	(152.8) 150	-	-	A500+	-	RNAV-1	-
DF	DH208	N 53 31 45.64 E 010 04 55.01	Y	-	-	-	A2300+	-	RNAV-1	-
DF	DH209	N 53 31 30.86 E 010 11 15.90	-	-	-	L	-	-	RNAV-1	-
TF	DH212	N 53 41 31.03 E 010 22 44.30	-	(034.2) 032	12.1	-	-	-	RNAV-1	-
TF	DH155	N 53 48 02.99 E 010 41 45.12	-	(059.8) 057	13.1	-	-	-	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 2D	WESER TWO DELTA Climb on course 150° to 500 ft. Direct DH202, RT direct DH216, to DH221, to WSN. Cross DH202 at or above 2000 ft. MAX IAS 210 KT until passing DH216.			5000 ft		Bremen Radar 134.255 Remain on TWR frequency until passing 2000, then contact Bremen Radar.		PDG 7.1% (430 ft/NM) until crossing DH202 due to procedure requirement. Additional conventional first segment description: Climb straight ahead 1000 ft, direct DH202.		
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	-	-	-	(152.8) 150	-	-	A500+	-	RNAV-1	-
DF	DH202	N 53 33 38.36 E 010 03 19.18	Y	-	-	-	A2000+	-	RNAV-1	-
DF	DH216	N 53 30 33.03 E 010 00 49.62	-	-	-	R	-	210-	RNAV-1	-
TF	DH221	N 53 25 06.36 E 009 21 55.93	-	(257.1) 254	23.9	-	-	-	RNAV-1	-
TF	WSN	N 53 20 49.81 E 008 52 29.04	-	(256.5) 254	18.1	-	-	-	RNAV-1	-