

STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)DÜSSELDORF
RWY 05R

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
LMA 9Z	LIMA NINE ZULU On R 054 DUS to 6.0 DME DUS; LT, on track 261° LMA to LMA (Δ). Climb with 7% (425ft/NM) or more until passing 3000. GPS/FMS RNAV: [A600+] - DL050[R] - DL051[L] - DL052 - LMA.	5000 ft	Langen Radar 128.500	1. PDG due to airspace structure. If unable to comply, advise Delivery on start-up request. 2. Only for flights to EDLN.
SONEB 2Z	SONEB TWO ZULU On R054 DUS to 6.0 DME DUS; LT, on track 009° to 13.5 DME DUS; LT, on R169 RKN to 28.2 DME RKN; LT, on track 346° to SONEB (Δ). Climb with 7% (425ft/NM) or more until passing 3000. GPS/FMS RNAV: [A600+] - DL050[R] - DL053[L] - NIKOG[L] - LUSIX[L] - SONEB.			1. PDG due to airspace structure. If unable to comply, advise Delivery on start-up request. 2. After 28.2 DME RKN BRNAV equipment necessary. 3. Only for flights with RFL140 or above via RKN/TENLI. Other flights proceed via MEVEL. Expect clearance to cross 10 NM prior SONEB at FL140 or above. If unable advise clearance Delivery upon start-up request.
MEVEL 6Z	MEVEL SIX ZULU On R054 DUS to 6.0 DME DUS; LT, on track 009° to 13.5 DME DUS; LT, on R169 RKN to 28.2 DME RKN; RT, on track 053° to MEVEL(Δ). Climb with 7% (425ft/NM) or more until passing 3000. GPS/FMS RNAV: [A600+] - DL050[R] - DL053[L] - NIKOG[L] - LUSIX[R] - MEVEL.			1. PDG due to airspace structure. If unable to comply, advise Delivery on start-up request. 2. Flights intending to proceed via Y850 to BASUM must be able to cross ARTER above FL245. If unable or planning below FL245, continue via L179 to OSN. 3. After 28.2 DME RKN BRNAV equipment necessary.
GMH 3Z	GERMINGHAUSEN THREE ZULU On R054 DUS to 6.4 DME DUS; RT, on R278 BAM to BAM(Δ); on R096 BAM to 6.6 DME BAM; RT, on R293 GMH to GMH(Δ). GPS/FMS RNAV: [A600+] - DL050[R] - DL058[R] - BAM[L] - ANAVI[R] - GMH.		Langen Radar 133.775	Only for flights with RFL 140 or below.
NOR 3Z	NÖRVENICH THREE ZULU On R054 DUS to 6.4 DME DUS; RT, on R278 BAM inbound BAM; at 3.5 DME BAM RT, on R212 BAM to NOR (Δ). GPS/FMS RNAV: [A600+] - DL050[R] - DL058[R] - BAM[R] - NOR.			1. For flights with RFL 90 and below. Flights with RFL 100 and above shall file via MODRU. 2. Additional available for flights via Q760 (between: 0500 (0400) - 0700 (0600)).
DODEN 4Z	DODEN FOUR ZULU On R054 DUS to 6.4 DME DUS; RT, on R278 BAM to BAM(Δ); RT, on R135 BAM to 12.9 DME BAM; on track 135° to BETZO(Δ); RT, on track 147° to DODEN(Δ). Cross 12.9 DME BAM at FL150 or above. Cross DODEN at FL250 or above. GPS/FMS RNAV: [A600+] - DL050[R] - DL058[R] - BAM[R] - ELBAL[F150+;] - BETZO[R] - DODEN[F250+].			1. After 12.9 DME BAM BRNAV equipment necessary. 2. Only for jet flights with RFL 250 or above. Flights shall cross DODEN at FL 250 or above. Flights unable shall file SID KUMIK. Flights unable to cross ELBAL at FL 150 or above shall advise clearance Delivery upon start-up request.
NUDGO 2Z	NUDGO TWO ZULU On R054 DUS to 6.4 DME DUS; RT, on R278 BAM to BAM(Δ); on R096 BAM to 6.6 DME BAM; RT, on R293 GMH to 8.7 DME GMH; LT, on track 068° via KULIX(Δ); LT, on track 062° to NUDGO(Δ). GPS/FMS RNAV: [A600+] - DL050[R] - DL058[R] - BAM[L] - ANAVI[R] - MAMIB[L] - KULIX[L] - NUDGO.			1. Not available for flights into upper airspace. 2. After 8.7 DME GMH BRNAV equipment necessary.
(Sample: DL051 fly-over way point)				
Remain on TWR-Frequency until passing altitude 2000 ft.				