

DÜSSELDORF
RWY 05R

STANDARD DEPARTURE
ROUTES – INSTRUMENT
(SID)

Designator	Route	After Take-Off		Remarks
		Climb to	Contact	
1	2	3	4	5
MODRU 5Z	MODRU FIVE ZULU On R054 DUS to 6.0 DME DUS; LT, on track 009° to 12.7 DME DUS; LT, on track 290° to ORSOV (Δ); LT, on track 242° to VEBAK (Δ); LT, on track 200° via NETEX (Δ) to MODRU(Δ). Climb with 7% (425ft/NM) or more until passing 3000. GPS/FMS RNAV: [A600+] - DL050[R] - DL053[L] - NIKOG[L] - ORSOV[L] - VEBAK[L] - NETEX - MODRU[F210+].	5000 ft	Langen Radar 128.500	<ol style="list-style-type: none"> 1. PDG due to airspace structure. If unable to comply, advise Delivery on start-up request. 2. Only for flights with RFL 210 and above. Flights have to be able to cross MODRU at FL 210 or above. If unable to comply, advise Delivery on start-up request. 3. After 12.7 DME DUS BRNAV equipment necessary.
NETEX 2Z	NETEX TWO ZULU On R054 DUS to 6.0 DME DUS; LT, on track 009° to 12.7 DME DUS; LT, on track 290° to ORSOV (Δ); LT, on track 242° to VEBAK (Δ); LT, on track 200° to NETEX (Δ). Climb with 7% (425ft/NM) or more until passing 3000. GPS/FMS RNAV: [A600+] - DL050[R] - DL053[L] - NIKOG[L] - ORSOV[L] - VEBAK[L] - NETEX.			<ol style="list-style-type: none"> 1. PDG due to airspace structure. If unable to comply, advise Delivery on start-up request. 2. For flights with RFL from 100 to 200 or flights via Z282 DIBIR L179 (if available). 3. After 12.7 DME DUS BRNAV equipment necessary.
KUMIK 2Z	KUMIK 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 track 129° to DEGOM(Δ) ; RT, on track 142° to KUMIK (Δ). Cross DEGOM at FL150 or above. GPS/FMS RNAV: [A600+] - DL050[R] - DL058[R] - BAM[L] - ANAVI[R] - DEGOM[F150+; R] - KUMIK.		Langen Radar 133.775	<ol style="list-style-type: none"> 1. Only for flights with RFL 150 or above. 2. After 6.6 DME BAM BRNAV equipment necessary. 3. Normally not available for flights above FL250 via BOMBI, except Prop/Turbo Prop type aircraft. Flights unable to cross DEGOM at FL 150 or above shall advise clearance Delivery upon start-up request.
COL 2Z	COLA TWO ZULU On R054 DUS to 6.4 DME DUS; RT, on R278 BAM inbound BAM; at 1.6 DME BAM RT, on R164 BAM to 11.4 DME BAM; LT, on R328 COL to COL(Δ). Cross 11.4 DME BAM at FL150 or above. GPS/FMS RNAV: [A600+] - DL050[R] - DL058[R] - BAM[R] - LIPMI[F150+; L] - COL.			Flights unable to cross LIPMI at FL 150 or above shall advise clearance Delivery upon start-up request.

Remain on TWR-Frequency until passing altitude 2000 ft.