

STANDARD DEPARTURE
ROUTES - INSTRUMENT(SID)
RNAV (GPS)

MEMMINGEN
RWY 24

Designator	Route				After Take-Off				Procedure Remarks		
					Climb to		Contact				
KPT 4A	KEMPTEN FOUR ALPHA Climb on course 237° to JA242; to JA244; to KPT (Δ).				FL70		129.450 Contact Muenchen Radar immediately after take-off!		NOT TO BE USED DURING ACTIVATION OF NLFS.		
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	-	-	-	(T 239.4) 237	-	-	A2500+	-	RNAV 1	-	
CF	JA242	N 47 55 30.28 E 010 04 45.99	N	(T 239.4) 237	-	-	-	-	RNAV 1	-	
TF	JA244	N 47 50 42.96 E 010 06 16.81	N	(T 168.0) 166	4.9	-	-	-	RNAV 1	-	
TF	KPT	N 47 44 44.79 E 010 20 59.40	N	(T 121.0) 119	11.6	-	-	-	RNAV 1	-	

Designator	Route				After Take-Off				Procedure Remarks		
					Climb to		Contact				
LUPOL 5A	LUPOL FIVE ALPHA Climb on course 237° to JA243; to JA245; to NORGU; to LUPOL (Δ). Cross NORGU at or above FL070.				FL70		129.450 Contact Muenchen Radar immediately after take-off!				
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	-	-	-	(T 239.4) 237	-	-	A2500+	-	RNAV 1	-	
CF	JA243	N 47 55 25.79 E 010 04 34.76	N	(T 239.4) 237	-	-	-	-	RNAV 1	-	
TF	JA245	N 47 58 46.37 E 009 59 24.42	N	(T 313.9) 312	4.8	-	-	-	RNAV 1	-	
TF	NORGU	N 48 01 35.55 E 009 58 28.43	N	(T 347.5) 345	2.9	-	F070+	-	RNAV 1	-	
TF	LUPOL	N 48 13 04.95 E 009 54 39.14	N	(T 347.5) 345	11.8	-	-	-	RNAV 1	-	

Designator	Route				After Take-Off				Procedure Remarks		
					Climb to		Contact				
UMTEX 1A	UMTEX ONE ALPHA Climb on course 237° to JA243; to ROREM; to UMTX (Δ).				FL70		129.450 Contact Muenchen Radar immediately after take-off!		NOT TO BE USED DURING ACTIVATION OF NLFS.		
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	-	-	-	(T 239.4) 237	-	-	A2500+	-	RNAV 1	-	
CF	JA243	N 47 55 25.79 E 010 04 34.76	N	(T 239.4) 237	-	-	-	-	RNAV 1	-	
TF	ROREM	N 47 53 30.00 E 009 50 27.00	N	(T 258.6) 256	9.7	-	-	-	RNAV 1	-	
TF	UMTEX	N 47 50 15.20 E 009 37 27.10	N	(T 249.7) 247	9.3	-	-	-	RNAV 1	-	