

KASSEL-CALDEN
RNAV RWY 27

STANDARD INSTRUMENT DEPARTURE
ROUTES (SID)

Designator			Route		After Take-Off				Procedure remarks		
					Climb to		Contact				
ELNAT 1W			ELNAT ONE WHISKEY Climb on course 271° to VK270; LT, direct to VK277, to XIBIG, to ELNAT. PDG 4.1% (250ft/NM) or more until passing 2000 due to obstacle. Cross VK270 at 1380 or above. Max. IAS 210 Kts until XIBIG.		5000 ft		BREMEN RADAR 126.655 Remain on TWR frequency until passing 2500, then contact Bremen Radar.		-		
Route Type	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	Remark
Runway	CF	VK270	N 51 25 28.58 E 009 19 16.21	Y	(T274.9) 271	-	-	A1380+	-	RNAV 1	-
Runway	DF	VK277	N 51 24 04.52 E 009 15 48.04	N	-	-	L	-	-	RNAV 1	-
Runway	TF	XIBIG	N 51 21 08.53 E 009 16 02.68	N	(T177.0) 173	2.9	-	-	210-	RNAV 1	-
Runway	TF	ELNAT	N 51 12 15.54 E 009 41 27.56	N	(T119.0) 115	18.3	-	-	-	RNAV 1	-

Designator			Route		After Take-Off				Procedure remarks		
					Climb to		Contact				
EMBAD 1W			EMBAD ONE WHISKEY Climb on course 271° to VK270; LT, direct to VK277, to EMBAD. PDG 4.1% (250ft/NM) or more until passing 2000 due to obstacle. Cross VK270 at 1380 or above. Cross EMBAD at 5000 or above. Max. IAS 210 Kts until VK277.		5000 ft		BREMEN RADAR 126.655 Remain on TWR frequency until passing 2500, then contact Bremen Radar.		1. Altitude constraint at EMBAD due to Minimum Enroute Altitude (MEA). 2. Not available for DEST EDLx and EDKx.		
Route Type	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	Remark
Runway	CF	VK270	N 51 25 28.58 E 009 19 16.21	Y	(T274.9) 271	-	-	A1380+	-	RNAV 1	-
Runway	DF	VK277	N 51 24 04.52 E 009 15 48.04	N	-	-	L	-	210-	RNAV 1	-
Runway	TF	EMBAD	N 51 16 39.67 E 009 16 26.19	N	(T176.9) 173	7.4	-	A5000+	-	RNAV 1	-

Designator			Route		After Take-Off				Procedure remarks		
					Climb to		Contact				
LUXUX 1W			LUXUX ONE WHISKEY Climb on course 271° to VK273; RT, direct to VK275, to LUXUX. PDG 4.1% (250ft/NM) or more until passing 2000 due to obstacle. Cross VK273 at 2000 or above. Max. IAS 210 Kts until VK275.		5000 ft		BREMEN RADAR 126.655 Remain on TWR frequency until passing 2500, then contact Bremen Radar.		-		
Route Type	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	Remark
Runway	CF	VK273	N 51 25 41.26 E 009 15 17.29	Y	(T274.9) 271	-	-	A2000+	-	RNAV 1	-
Runway	DF	VK275	N 51 29 00.38 E 009 14 21.22	N	-	-	R	-	210-	RNAV 1	-
Runway	TF	LUXUX	N 51 37 53.57 E 009 45 52.63	N	(T065.5) 062	21.6	-	-	-	RNAV 1	-

Designator			Route		After Take-Off				Procedure remarks		
					Climb to		Contact				
WERRA 1W			WERRA ONE WHISKEY Climb on course 271° to VK273; RT, direct to VK278, to WERRA. PDG 4.1% (250ft/NM) or more until passing 2000 due to obstacle. Cross VK273 at 2000 or above. Max. IAS 190 Kts until VK273. Max. IAS 210 Kts until VK278.		5000 ft		BREMEN RADAR 126.655 Remain on TWR frequency until passing 2500, then contact Bremen Radar.		-		
Route Type	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	Remark
Runway	CF	VK273	N 51 25 41.26 E 009 15 17.29	Y	(T274.9) 271	-	-	A2000+	190-	RNAV 1	-
Runway	DF	VK278	N 51 28 26.88 E 009 15 39.62	N	-	-	R	-	210-	RNAV 1	-
Runway	TF	WERRA	N 51 28 12.03 E 009 44 02.84	N	(T090.6) 087	17.8	-	-	-	RNAV 1	-