NUERNBERG

STANDARD INSTRUMENT ARRIVAL ROUTES

RNAV (GPS, DME/DME, DME/DME/IRU) RWY 28

(STAR)

Designator		UPALA 1V										
		UPALA ONE VICTOR										
Procedure Remark		1. CLEARANCE LIMIT UPALA. 2. DURING ACTIVITY OF NLFS CROSS DN439 AT OR ABOVE 6300.										
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)	Vertical Path Angle (°)	NAV Specification	Remark
Runway	IF	UPALA	N 49 12 51.74 E 011 13 17.17	N	-	-	-	A5000+	-	-	RNAV 1	-
Runway	TF	DN463	N 49 17 34.62 E 011 06 56.94	N	(T318.7) 315	6.3	-	-	-	-	RNAV 1	-
Runway	TF	DN462	N 49 18 39.55 E 010 55 56.21	N	(T278.6) 275	7.3	-	-	-	-	RNAV 1	-
Runway	TF	DN461	N 49 20 11.14 E 010 40 03.83	N	(T278.5) 275	10.5	-	-	-	-	RNAV 1	-
Runway	TF	DN452	N 49 26 06.93 E 010 41 23.09	N	(T008.3) 005	6.0	-	-	-	-	RNAV 1	-
Runway	TF	DN453	N 49 25 32.24 E 010 47 26.72	N	(T098.3) 095	4.0	-	-	-	-	RNAV 1	-
Runway	TF	DN454	N 49 24 35.15 E 010 57 17.41	N	(T098.4) 095	6.5	-	-	-	-	RNAV 1	-
Runway	TF	DN455	N 49 23 30.08 E 011 08 19.48	N	(T098.5) 095	7.3	-	-	-	-	RNAV 1	-
Runway	TF	DN456	N 49 22 31.14 E 011 18 09.32	N	(T098.6) 095	6.5	-	-	-	-	RNAV 1	-
Runway	TF	DN457	N 49 21 54.45 E 011 24 12.03	N	(T098.8) 095	4.0	-	-	-	-	RNAV 1	-
Runway	TF	DN458	N 49 21 17.43 E 011 30 14.58	N	(T098.8) 095	4.0	-	-	-	-	RNAV 1	-
Runway	TF	DN459	N 49 20 40.07 E 011 36 17.08	N	(T098.9) 095	4.0	-	-	-	-	RNAV 1	-
Runway	TF	DN439	N 49 26 35.17 E 011 37 43.37	N	(T009.0) 005	6.0	-	A5000+	-	-	RNAV 1	-

RNAV HOLDING IDENTIFICATION								
Path Terminator	Holding Fix	Coordinates	Inbound (True Track°) Mag Track°	Max Speed (kt IAS)	Altitude (ft) / Flight Level	Time (MIN) / Distance outbound	Turn Direction	Remarks
HM	DODAS	N 49 48 35.41 E 010 42 16.28	(T173.8) 170	230-	A5000+	1	L	-
HM	LETKU	N 49 20 51.31 E 010 33 12.83	(T045.3) 042	230-	A5000+	1	L	-
HM	PIVIR	N 49 40 01.49 E 011 24 57.83	(T207.7) 204	230-	A5000+	1	R	-
HM	UPALA	N 49 12 51.74 E 011 13 17.17	(T318.7) 315	230-	A5000+	1	R	-

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