

FRANKFURT MAIN

STANDARD INSTRUMENT ARRIVAL ROUTES

RNAV (GPS, DME/DME, DME/DME/IRU) RWY 25L/25C/25R

(STAR)

Designator		SPESA 4A											
		SPESA FOUR ALPHA											
Procedure Remark		SPESA A BY ATC ONLY											
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	
Common	IF	SPESA	N 49 51 44.07 E 009 20 53.97	N	-	-	-	FL100+	-	-	RNAV 1	-	
Common	TF	RIPKU	N 49 59 49.32 E 009 19 27.10	N	(T353.4) 350	8.1	-	-	-	-	RNAV 1	-	
Common	TF	DF406	N 50 21 44.19 E 009 15 29.62	N	(T353.4) 350	22.1	-	-	250-	-	RNAV 1	-	
Common	TF	DF407	N 50 23 41.55 E 009 10 32.11	N	(T301.7) 298	3.7	-	-	-	-	RNAV 1	-	
Common	TF	DF408	N 50 18 42.35 E 008 49 09.87	N	(T250.1) 247	14.6	-	-	-	-	RNAV 1	-	
Common	TF	DF411	N 50 12 56.53 E 008 52 30.83	N	(T159.5) 156	6.2	-	-	-	-	RNAV 1	-	
Common	TF	DF412	N 50 14 18.94 E 008 58 22.44	N	(T069.9) 067	4.0	-	-	-	-	RNAV 1	-	
Common	TF	DF413	N 50 15 41.04 E 009 04 14.39	N	(T070.0) 067	4.0	-	-	-	-	RNAV 1	-	
Common	TF	DF414	N 50 17 02.83 E 009 10 06.68	N	(T070.0) 067	4.0	-	-	-	-	RNAV 1	-	
Common	TF	DF415	N 50 18 24.33 E 009 15 59.31	N	(T070.1) 067	4.0	-	-	-	-	RNAV 1	-	
Common	TF	DF416	N 50 19 45.52 E 009 21 52.29	N	(T070.2) 067	4.0	-	-	-	-	RNAV 1	-	
Runway	IF	DF416	N 50 19 45.52 E 009 21 52.29	N	-	-	-	-	-	-	RNAV 1	-	
Runway	FM	DF416	N 50 19 45.52 E 009 21 52.29	N	(T070.2) 067	-	-	-	-	-	RNAV 1	-	
Runway	CF	DF426	N 50 15 03.04 E 009 24 30.17	N	(T250.3) 247	-	-	-	-	-	RNAV 1	IAF RWY 25R	
Runway	IF	DF416	N 50 19 45.52 E 009 21 52.29	N	-	-	-	-	-	-	RNAV 1	-	
Runway	FM	DF416	N 50 19 45.52 E 009 21 52.29	N	(T070.2) 067	-	-	-	-	-	RNAV 1	-	
Runway	CF	DF526	N 50 14 21.68 E 009 24 53.24	N	(T250.3) 247	-	-	-	-	-	RNAV 1	IAF RWY 25C	
Runway	IF	DF416	N 50 19 45.52 E 009 21 52.29	N	-	-	-	-	-	-	RNAV 1	-	
Runway	FM	DF416	N 50 19 45.52 E 009 21 52.29	N	(T070.2) 067	-	-	-	-	-	RNAV 1	-	
Runway	CF	DF626	N 50 14 04.23 E 009 25 02.97	N	(T250.3) 247	-	-	-	-	-	RNAV 1	IAF RWY 25L	