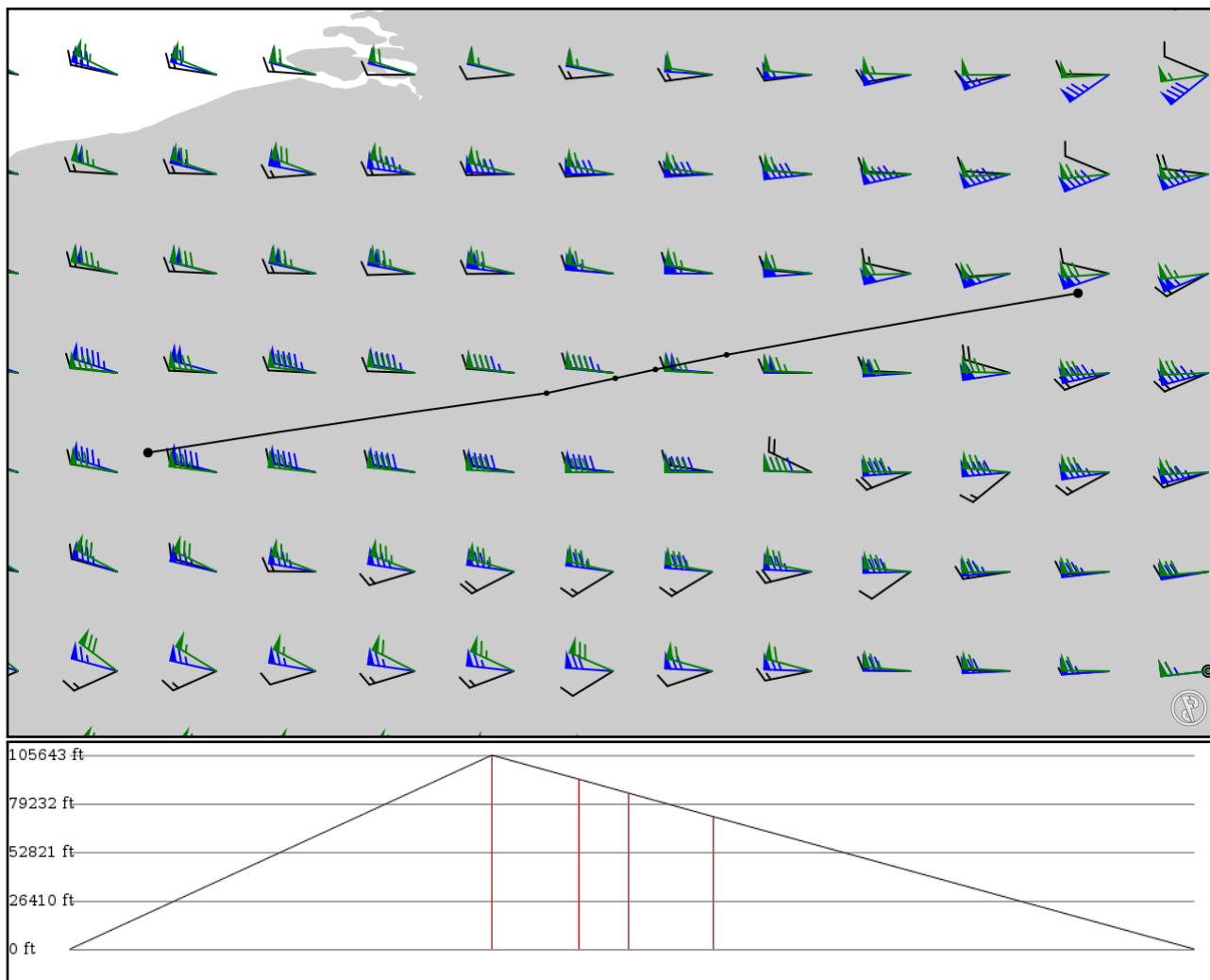


2024/06/09 0838Z

EDDF LIMGO **Z110** MMD LFPG

241.25 nm / 446.80 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EDDF	-	50.03260	0 ft	-	Frankfurt
APT	-	8.54067	0 m		
LIMGO	-	49.63720	32,200 ft	90	-
FIX	-	6.28167	9,815 m		
FIR63	Z110	49.54310	28,200 ft	18	-
FIX	AWY-LO	5.82417	8,595 m		
VAVOT	Z110	49.48690	25,900 ft	10	-
FIX	AWY-LO	5.56667	7,894 m		
MMD	Z110	49.39130	22,000 ft	18	MONTMEDY
VOR	AWY-LO	5.12442	6,706 m		
LFPG	-	49.00970	0 ft	103	Paris Charles De Gaulle
APT	-	2.56257	0 m		

## EDDF

Region: GERMANY - CIVIL  
Timezone: EUROPE/BERLIN  
Runways: 4

Elevation: 362 ft / 110 m  
Location: 50.032600 8.540670  
Magnetic Var: 3.184 E

## METAR

EDDF 090820Z AUTO 31004KT 250V020 9999 FEW036 19/09 Q1010 NOSIG

## TAF

TAF EDDF 090500Z 0906/1012 33006KT 9999 FEW045 BECMG 1004/1008 23006KT

## Frequencies

REC - 118.02 MHz - ATIS ARRIVAL	REC - 118.72 MHz - ATIS DEPARTURE
GND - 121.80 MHz - GROUND	GND - 121.65 MHz - APRON RAMP/TAXI
GND - 121.70 MHz - APRON RAMP/TAXI	GND - 121.95 MHz - APRON RAMP/TAXI
GND - 121.85 MHz - APRON RAMP/TAXI	GND - 121.75 MHz - APRON RAMP/TAXI
TWR - 118.77 MHz - TOWER	TWR - 119.90 MHz - TOWER
TWR - 124.85 MHz - TOWER	TWR - 127.32 MHz - TOWER
TWR - 136.50 MHz - TOWER	CLD - 121.90 MHz - CLEARANCE DELIVERY
APP - 127.27 MHz - FRANKFURT DIRECT	APP - 118.50 MHz - FRANKFURT DIRECT
APP - 125.35 MHz - LANGEN RADAR	APP - 126.55 MHz - LANGEN RADAR
APP - 120.80 MHz - LANGEN RADAR	APP - 120.15 MHz - LANGEN RADAR
APP - 136.12 MHz - LANGEN RADAR	APP - 119.02 MHz - LANGEN RADAR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft	9,194 ft	69.56	CONCRETE	0 ft	0 ft
	45 m	2,802 m	66.38		0 m	0 m
25R	148 ft	9,194 ft	249.59	CONCRETE	0 ft	0 ft
	45 m	2,802 m	246.41		0 m	0 m
07C	197 ft	13,134 ft	69.57	ASPHALT	0 ft	203 ft
	60 m	4,003 m	66.39		0 m	62 m
25C	197 ft	13,134 ft	249.61	ASPHALT	0 ft	935 ft
	60 m	4,003 m	246.43		0 m	285 m
07R	148 ft	13,134 ft	69.59	ASPHALT	0 ft	213 ft
	45 m	4,003 m	66.40		0 m	65 m
25L	148 ft	13,134 ft	249.63	ASPHALT	0 ft	1,775 ft
	45 m	4,003 m	246.44		0 m	541 m
18	148 ft	13,083 ft	179.64	ASPHALT	0 ft	0 ft
	45 m	3,988 m	176.45		0 m	0 m
36	148 ft	13,083 ft	359.64	ASPHALT	0 ft	121 ft
	45 m	3,988 m	356.45		0 m	37 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IFNE	111.75 MHz	18 nm	-	-	357 ft
				33 km	-		357 m
25C	DME	IFCW	111.55 MHz	18 nm	-	-	364 ft
				33 km	-		364 m
25R	DME	IFNW	111.35 MHz	18 nm	-	-	357 ft
				33 km	-		357 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07C	LOC-ILS	IFCE	110.55 MHz	18 nm	69.59	-	362 ft
				33 km	66.41		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.40		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.43		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.41		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.43		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.40		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.41		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.40		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.43		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.41		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.43		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.40		362 m

## LFPG

Region: FRANCE  
Timezone: EUROPE/PARIS  
Runways: 4

Elevation: 392 ft / 119 m  
Location: 49.009700 2.562570  
Magnetic Var: 1.506 E

## METAR

LFPG 090800Z 02008KT 350V120 9999 SCT013 15/11 Q1013 NOSIG

## TAF

TAF AMD LFPG 090656Z 0906/1012 02008KT 9999 BKN007 TX22/0915Z TN09/1003Z BECMG 0907/0909 SCT013 BKN030 BECMG 0918

## Frequencies

REC - 128.32 MHz - ATIS	REC - 127.12 MHz - ATIS
TWR - 120.90 MHz - DE GAULLE TOWER	TWR - 125.32 MHz - DE GAULLE TOWER
TWR - 119.62 MHz - DE GAULLE TOWER	TWR - 119.25 MHz - DE GAULLE TOWER
TWR - 118.65 MHz - DE GAULLE TOWER	TWR - 123.60 MHz - DE GAULLE TOWER
TWR - 120.65 MHz - DE GAULLE TOWER	GND - 121.90 MHz - DE GAULLE GROUND
GND - 125.30 MHz - DE GAULLE GROUND	GND - 121.70 MHz - DE GAULLE GROUND
CLD - 121.80 MHz - CLEARANCE DELIVERY	APP - 118.15 MHz - DE GAULLE APPROACH
APP - 119.85 MHz - DE GAULLE APPROACH	APP - 121.15 MHz - DE GAULLE APPROACH
APP - 125.82 MHz - DE GAULLE APPROACH	APP - 126.42 MHz - DE GAULLE APPROACH
DEP - 124.35 MHz - DE GAULLE DEPARTURE	DEP - 126.57 MHz - DE GAULLE DEPARTURE
DEP - 131.20 MHz - DE GAULLE DEPARTURE	DEP - 133.37 MHz - DE GAULLE DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	148 ft	13,713 ft	85.31	ASPHALT	0 ft	489 ft
	45 m	4,180 m	83.80		0 m	149 m
26R	148 ft	13,713 ft	265.35	ASPHALT	1,877 ft	279 ft
	45 m	4,180 m	263.85		572 m	85 m
09L	197 ft	8,866 ft	85.32	ASPHALT	0 ft	0 ft
	60 m	2,703 m	83.81		0 m	0 m
27R	197 ft	8,866 ft	265.35	ASPHALT	0 ft	0 ft
	60 m	2,703 m	263.84		0 m	0 m
08R	197 ft	8,833 ft	85.33	ASPHALT	0 ft	489 ft
	60 m	2,692 m	83.82		0 m	149 m
26L	197 ft	8,833 ft	265.35	ASPHALT	0 ft	486 ft
	60 m	2,692 m	263.85		0 m	148 m
09R	148 ft	13,746 ft	85.30	ASPHALT	0 ft	0 ft
	45 m	4,190 m	83.79		0 m	0 m
27L	148 ft	13,746 ft	265.34	ASPHALT	1,959 ft	0 ft
	45 m	4,190 m	263.84		597 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08R	DME	DSE	108.55 MHz	18 nm	-	-	358 ft
				33 km	-		358 m
09L	DME	PNE	109.35 MHz	18 nm	-	-	392 ft
				33 km	-		392 m
09R	DME	CGE	110.10 MHz	18 nm	-	-	392 ft
				33 km	-		392 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26L	DME	DSU	108.35 MHz	18 nm	-	-	338 ft
				33 km	-		338 m
27L	DME	CGW	110.70 MHz	18 nm	-	-	407 ft
				33 km	-		407 m
27R	DME	PNW	110.35 MHz	18 nm	-	-	392 ft
				33 km	-		392 m
08L	LOC-ILS	GLE	108.70 MHz	18 nm	85.33	-	392 ft
				33 km	83.82		392 m
08R	LOC-ILS	DSE	108.55 MHz	18 nm	85.34	-	392 ft
				33 km	83.83		392 m
09L	LOC-ILS	PNE	109.35 MHz	18 nm	85.33	-	392 ft
				33 km	83.82		392 m
09R	LOC-ILS	CGE	110.10 MHz	18 nm	85.32	-	392 ft
				33 km	83.81		392 m
26L	LOC-ILS	DSU	108.35 MHz	18 nm	265.34	-	392 ft
				33 km	263.83		392 m
26R	LOC-ILS	GAU	111.95 MHz	18 nm	265.33	-	392 ft
				33 km	263.82		392 m
27L	LOC-ILS	CGW	110.70 MHz	18 nm	265.32	-	392 ft
				33 km	263.81		392 m
27R	LOC-ILS	PNW	110.35 MHz	18 nm	265.33	-	392 ft
				33 km	263.82		392 m
08L	GS	GLE	108.70 MHz	10 nm	85.33	3.00	392 ft
				19 km	83.82		392 m
08R	GS	DSE	108.55 MHz	10 nm	85.34	3.00	392 ft
				19 km	83.83		392 m
09L	GS	PNE	109.35 MHz	10 nm	85.33	3.00	392 ft
				19 km	83.82		392 m
09R	GS	CGE	110.10 MHz	10 nm	85.32	3.00	392 ft
				19 km	83.81		392 m
26L	GS	DSU	108.35 MHz	10 nm	265.34	3.00	392 ft
				19 km	263.83		392 m
26R	GS	GAU	111.95 MHz	10 nm	265.33	3.00	392 ft
				19 km	263.82		392 m
27L	GS	CGW	110.70 MHz	10 nm	265.32	3.00	392 ft
				19 km	263.81		392 m
27R	GS	PNW	110.35 MHz	10 nm	265.33	3.00	392 ft
				19 km	263.82		392 m