LOWG
Graz Thalerhof

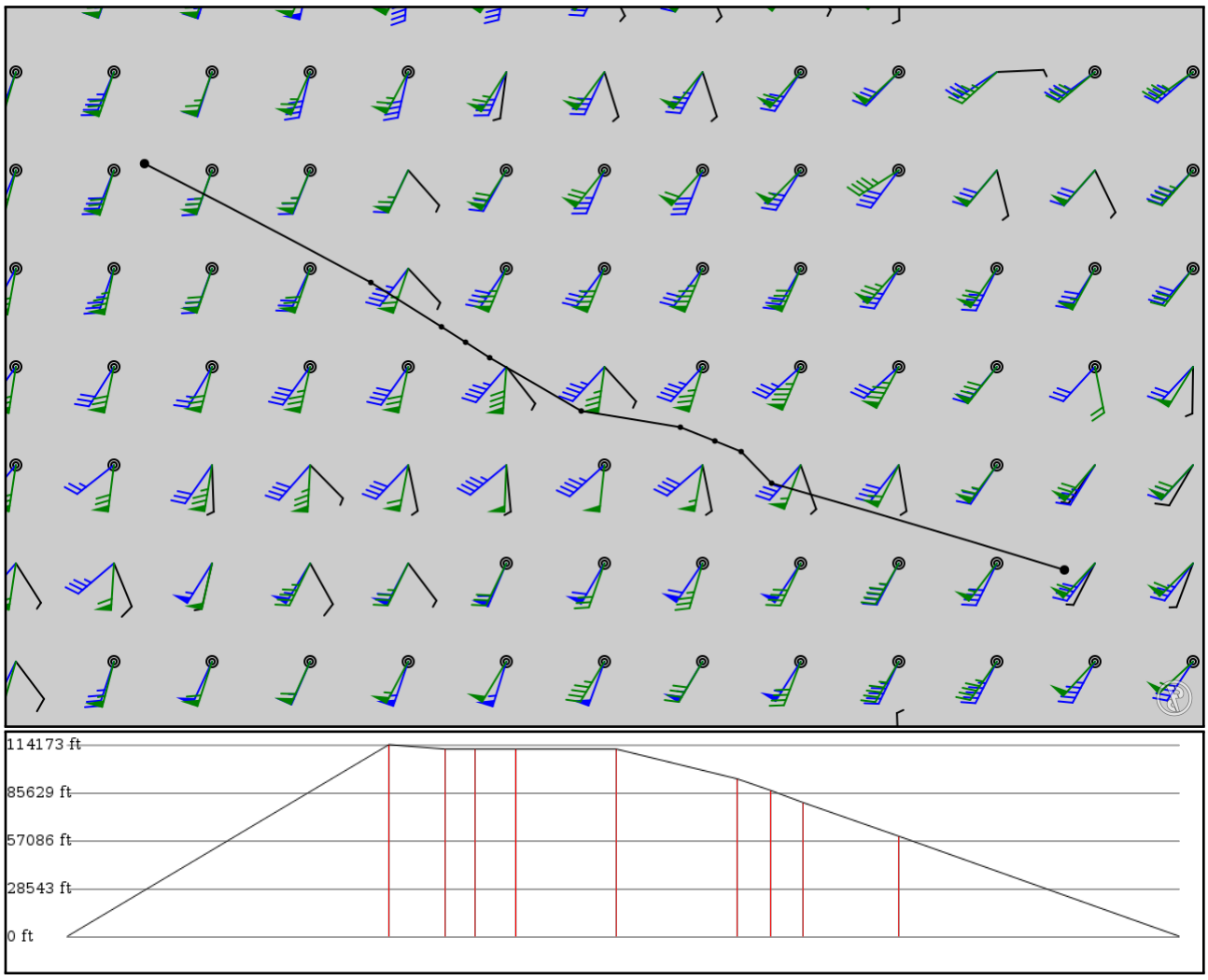
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EDDF
Frankfurt am Main

2024/03/30 0428Z

LOWG PEREX **UL173** MORED **Q112** TITIG **UL173** MUN **Q700** WLD **T104** DKB EDDF

336.75 nm / 623.67 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
LOWG APT	–	46.99031 15.43967	0 ft 0 m	–	Graz Thalerhof
PEREX FIX	–	47.63953 13.24376	34,800 ft 10,607 m	97	–
MORED FIX	UL173 AWY-HI	47.87635 13.01546	34,000 ft 10,363 m	16	–
TAKUS FIX	Q112 AWY-HI	47.95589 12.81823	34,000 ft 10,363 m	9	–
TITIG FIX	Q112 AWY-HI	48.05889 12.55944	34,000 ft 10,363 m	12	–
MUN VOR	UL173 AWY-HI	48.18033 11.81602	34,000 ft 10,363 m	30	MUNCHEN VOR-DME
WLD VOR	Q700 AWY-HI	48.57942 11.12939	28,600 ft 8,717 m	36	WALDA VOR-DME
BURAM FIX	T104 AWY-HI	48.69556 10.94889	26,500 ft 8,077 m	9	–
XERUM FIX	T104 AWY-HI	48.81111 10.76778	24,300 ft 7,407 m	9	–
DKB VOR	T104 AWY-HI	49.14275 10.23831	18,200 ft 5,547 m	28	DINKELSBUHL VORTAC
EDDF APT	–	50.03260 8.54064	0 ft 0 m	84	Frankfurt am Main

LOWG

Region: AUSTRIA
Timezone: EUROPE/VIENNA
Runways: 3

Elevation: 1,115 ft / 340 m
Location: 46.990300 15.439700
Magnetic Var: 4.649 E

METAR

LOWG 300350Z AUTO VRB02KT 9999 NCD 10/07 Q1010

TAF

TAF TAF LOWG 292315Z 3000/3024 VRB03KT CAVOK TX22/3014Z TN08/3005Z BECMG 3010/3012 18008KT TEMPO 3011/3017 20015G

Frequencies

REC - 126.12 MHz - ATIS
APP - 119.30 MHz - GRAZ RADAR

TWR - 118.20 MHz - GRAZ TOWER
APP - 123.02 MHz - GRAZ DIRECTOR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17C	148 ft 45 m	9,852 ft 3,003 m	169.37 164.72	ASPHALT	853 ft 260 m	95 ft 29 m
35C	148 ft 45 m	9,852 ft 3,003 m	349.37 344.72	ASPHALT	0 ft 0 m	95 ft 29 m
17R	82 ft 25 m	2,496 ft 761 m	169.39 164.74	GRASS	492 ft 150 m	0 ft 0 m
35L	82 ft 25 m	2,496 ft 761 m	349.39 344.75	GRASS	492 ft 150 m	0 ft 0 m
17L	98 ft 30 m	2,102 ft 641 m	169.38 164.74	GRASS	0 ft 0 m	0 ft 0 m
35R	98 ft 30 m	2,102 ft 641 m	349.39 344.74	GRASS	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
35C	DME	OEG	110.90 MHz	18 nm 33 km	- -	-	1,098 ft 1,098 m
35C	LOC-ILS	OEG	110.90 MHz	18 nm 33 km	349.36 344.71	-	1,098 ft 1,098 m
35C	GS	OEG	110.90 MHz	10 nm 19 km	349.74 345.09	3.00	1,098 ft 1,098 m

EDDF

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

Elevation: 362 ft / 110 m
Location: 50.032600 8.540670
Magnetic Var: 3.159 E

METAR

EDDF 300420Z AUTO 01005KT CAVOK 08/07 Q0997 NOSIG

TAF

TAF EDDF 292300Z 3000/3106 04005KT 9999 SCT045 PROB30 TEMPO 3003/3006 2000 BCFG BECMG 3012/3014 24010KT PROB30 TEN

Frequencies

REC - 118.02 MHz - ATIS ARRIVAL
GND - 121.80 MHz - GROUND
GND - 121.70 MHz - APRON RAMP/TAXI
GND - 121.85 MHz - APRON RAMP/TAXI
TWR - 118.77 MHz - TOWER
TWR - 124.85 MHz - TOWER
TWR - 136.50 MHz - TOWER
APP - 127.27 MHz - FRANKFURT DIRECT
APP - 125.35 MHz - LANGEN RADAR
APP - 120.80 MHz - LANGEN RADAR
APP - 136.12 MHz - LANGEN RADAR

REC - 118.72 MHz - ATIS DEPARTURE
GND - 121.65 MHz - APRON RAMP/TAXI
GND - 121.95 MHz - APRON RAMP/TAXI
GND - 121.75 MHz - APRON RAMP/TAXI
TWR - 119.90 MHz - TOWER
TWR - 127.32 MHz - TOWER
CLD - 121.90 MHz - CLEARANCE DELIVERY
APP - 118.50 MHz - FRANKFURT DIRECT
APP - 126.55 MHz - LANGEN RADAR
APP - 120.15 MHz - LANGEN RADAR
APP - 119.02 MHz - LANGEN RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	148 ft 45 m	9,194 ft 2,802 m	69.56 66.40	CONCRETE	0 ft 0 m	0 ft 0 m
25R	148 ft 45 m	9,194 ft 2,802 m	249.59 246.43	CONCRETE	0 ft 0 m	0 ft 0 m
07C	197 ft 60 m	13,134 ft 4,003 m	69.57 66.41	ASPHALT	0 ft 0 m	203 ft 62 m
25C	197 ft 60 m	13,134 ft 4,003 m	249.61 246.45	ASPHALT	0 ft 0 m	935 ft 285 m
07R	148 ft 45 m	13,134 ft 4,003 m	69.59 66.43	ASPHALT	0 ft 0 m	213 ft 65 m
25L	148 ft 45 m	13,134 ft 4,003 m	249.63 246.47	ASPHALT	0 ft 0 m	1,775 ft 541 m
18	148 ft 45 m	13,083 ft 3,988 m	179.64 176.48	ASPHALT	0 ft 0 m	0 ft 0 m
36	148 ft 45 m	13,083 ft 3,988 m	359.64 356.48	ASPHALT	0 ft 0 m	121 ft 37 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IFNE	111.75 MHz	18 nm 33 km	- -	-	357 ft 357 m
25C	DME	IFCW	111.55 MHz	18 nm 33 km	- -	-	364 ft 364 m
25R	DME	IFNW	111.35 MHz	18 nm 33 km	- -	-	357 ft 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	66.43		362 m
07L	LOC-ILS	IFNE	111.75 MHz	18 nm	69.58	-	362 ft
				33 km	66.42		362 m
07R	LOC-ILS	IFSE	110.95 MHz	18 nm	69.61	-	362 ft
				33 km	66.45		362 m
25C	LOC-ILS	IFCW	111.55 MHz	18 nm	249.59	-	362 ft
				33 km	246.43		362 m
25L	LOC-ILS	IFSW	111.15 MHz	18 nm	249.61	-	362 ft
				33 km	246.45		362 m
25R	LOC-ILS	IFNW	111.35 MHz	18 nm	249.58	-	362 ft
				33 km	246.42		362 m
07C	GS	IFCE	110.55 MHz	10 nm	69.59	3.00	362 ft
				19 km	66.43		362 m
07L	GS	IFNE	111.75 MHz	10 nm	69.58	3.00	362 ft
				19 km	66.42		362 m
07R	GS	IFSE	110.95 MHz	10 nm	69.61	3.00	362 ft
				19 km	66.45		362 m
25C	GS	IFCW	111.55 MHz	10 nm	249.59	3.00	362 ft
				19 km	246.43		362 m
25L	GS	IFSW	111.15 MHz	10 nm	249.61	3.00	362 ft
				19 km	246.45		362 m
25R	GS	IFNW	111.35 MHz	10 nm	249.58	3.00	362 ft
				19 km	246.42		362 m