

GMAD

Agadir AL MASSIRA

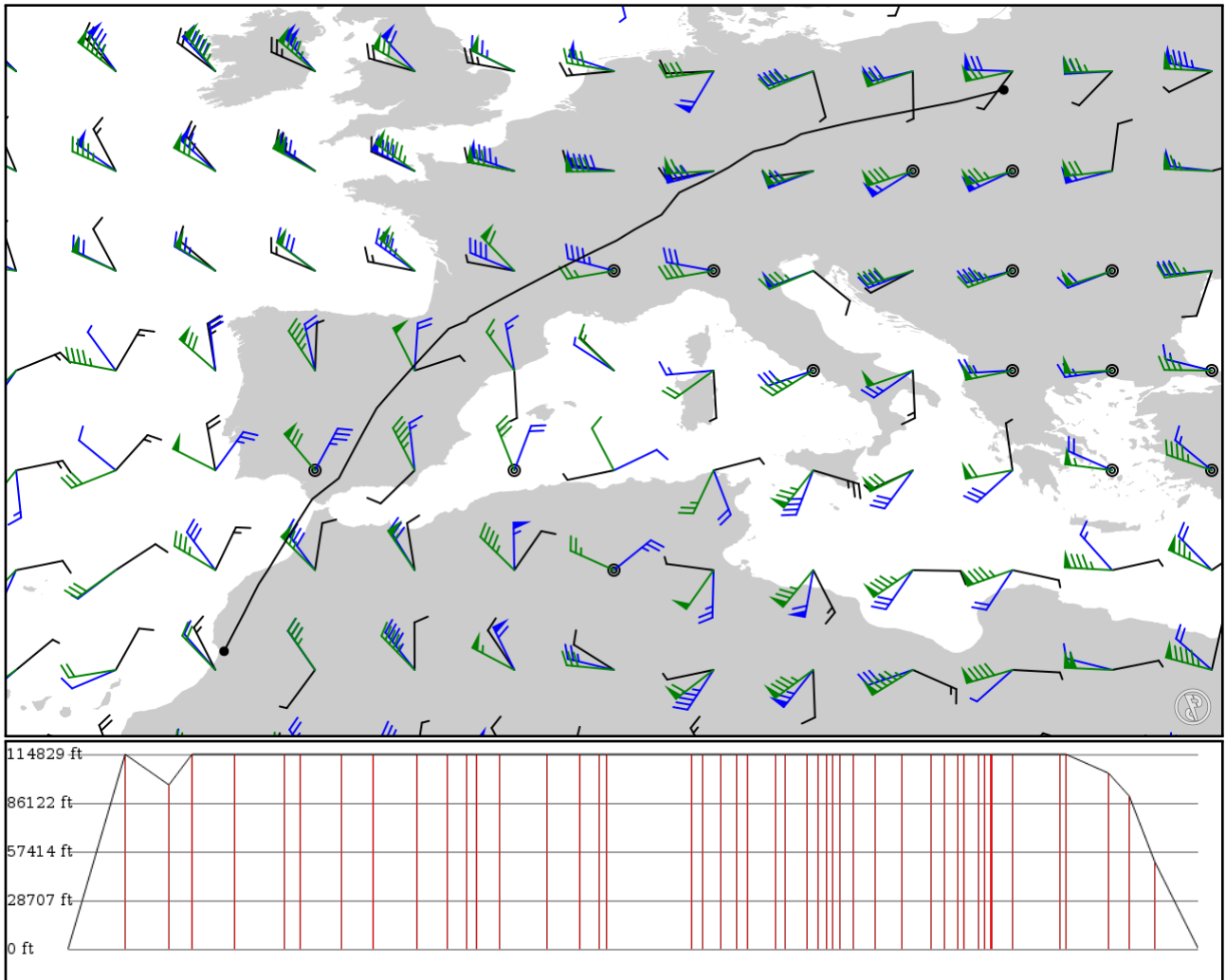
EPWA

WARSZAWA Okecie

2024/05/18 0254Z

GMAD VESEN **UR975** CSD **UR72** CBA **UG5** KORIS **UL27** MAR **UN871** OBUTO **UN869** OLRAK MOKDI **UN869** TGO **TR11** DKB
UN869 MIXAT **N869** GULPO EPWA

1916.18 nm / 3548.77 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
GMAD	-	30.32262	0 ft	-	Agadir AL MASSIRA
APT	-	-9.41153	0 m		
VESEN	-	31.81417	35,000 ft	98	-
FIX	-	-8.63167	10,668 m		
CSD	UR975	32.93361	29,500 ft	73	DAOUARAT NDB
NDB	AWY-HI	-8.06500	8,992 m		
CBA	UR72	33.52150	35,000 ft	40	CASABLANCA VOR-DME
VOR	AWY-HI	-7.67719	10,668 m		
TOLSI	UG5	34.60056	35,000 ft	72	-
FIX	AWY-HI	-7.01500	10,668 m		
KORIS	UG5	35.83333	35,000 ft	83	-
FIX	AWY-HI	-6.23917	10,668 m		
VJF	UL27	36.24718	35,000 ft	28	VEJER VOR-DME
VOR	AWY-HI	-5.97187	10,668 m		
MAR	UL27	37.05532	35,000 ft	69	MARTIN VOR-DME
VOR	AWY-HI	-4.93989	10,668 m		
ALCOL	UN871	37.85591	35,000 ft	52	-
FIX	AWY-HI	-4.51882	10,668 m		
LOGRO	UN871	39.00000	35,000 ft	74	-
FIX	AWY-HI	-3.89943	10,668 m		
VTB	UN871	39.78077	35,000 ft	51	VILLATOBAS VOR-DME
VOR	AWY-HI	-3.46403	10,668 m		
PALIO	UN871	40.26216	35,000 ft	34	-
FIX	AWY-HI	-3.04831	10,668 m		
LIPOR	UN871	40.49105	35,000 ft	16	-
FIX	AWY-HI	-2.84811	10,668 m		
SEGRE	UN871	41.02283	35,000 ft	38	-
FIX	AWY-HI	-2.37646	10,668 m		
LARDA	UN871	42.13158	35,000 ft	80	-
FIX	AWY-HI	-1.36209	10,668 m		
LATEK	UN871	42.87500	35,000 ft	54	-
FIX	AWY-HI	-0.65694	10,668 m		
OBUTO	UN871	43.15917	35,000 ft	34	-
FIX	AWY-HI	0.02083	10,668 m		
TBO	UN869	43.33222	35,000 ft	11	TARBES VOR
VOR	AWY-HI	0.14575	10,668 m		
OLRAK	UN869	44.78444	35,000 ft	145	-
FIX	AWY-HI	2.83722	10,668 m		
MOKDI	-	44.95694	35,000 ft	17	-
FIX	-	3.16694	10,668 m		
LERGA	UN869	45.25722	35,000 ft	30	-
FIX	AWY-HI	3.75028	10,668 m		
REPSI	UN869	45.52250	35,000 ft	27	-
FIX	AWY-HI	4.27528	10,668 m		
MEBAK	UN869	45.70806	35,000 ft	19	-
FIX	AWY-HI	4.64889	10,668 m		
NINTU	UN869	46.14722	35,000 ft	46	-
FIX	AWY-HI	5.55306	10,668 m		
MILPA	UN869	46.30250	35,000 ft	16	-
FIX	AWY-HI	5.87972	10,668 m		
VEROX	UN869	46.72750	35,000 ft	38	-
FIX	AWY-HI	6.57333	10,668 m		
NEMOS	UN869	46.91194	35,000 ft	17	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	6.90667	10,668 m		
BENOT	UN869	47.05778	35,000 ft	13	-
FIX	AWY-HI	7.17278	10,668 m		
LUTIX	UN869	47.16500	35,000 ft	10	-
FIX	AWY-HI	7.37056	10,668 m		
OLBEN	UN869	47.30444	35,000 ft	13	-
FIX	AWY-HI	7.62944	10,668 m		
RINLI	UN869	47.62278	35,000 ft	21	-
FIX	AWY-HI	7.88083	10,668 m		
NATOR	UN869	48.17000	35,000 ft	37	-
FIX	AWY-HI	8.32139	10,668 m		
TGO	UN869	48.61841	35,000 ft	46	TANGO VORTAC
VOR	AWY-HI	9.25921	10,668 m		
DKB	TR11	49.14275	35,000 ft	49	DINKELSBUHL VORTAC
VOR	AWY-HI	10.23831	10,668 m		
NORAS	UN869	49.40667	35,000 ft	22	-
FIX	AWY-HI	10.64917	10,668 m		
KEGOS	UN869	49.66056	35,000 ft	21	-
FIX	AWY-HI	11.05139	10,668 m		
ANELA	UN869	49.76889	35,000 ft	9	-
FIX	AWY-HI	11.22472	10,668 m		
NOGRA	UN869	49.92056	35,000 ft	24	-
FIX	AWY-HI	11.82167	10,668 m		
RONIG	UN869	49.98917	35,000 ft	11	-
FIX	AWY-HI	12.09722	10,668 m		
ERL51	UN869	50.04472	35,000 ft	9	-
FIX	AWY-HI	12.32139	10,668 m		
OKG	UN869	50.06515	35,000 ft	3	CHEB VOR-DME
VOR	AWY-HI	12.40574	10,668 m		
KONAR	UN869	50.44514	35,000 ft	34	-
FIX	AWY-HI	13.06558	10,668 m		
OKX	UN869	50.90268	35,000 ft	79	FRYDLANT VOR-DME
VOR	AWY-HI	15.03190	10,668 m		
UVSOV	UN869	50.95306	35,000 ft	10	-
FIX	AWY-HI	15.29333	10,668 m		
TRZ	UN869	51.30816	31,600 ft	71	TRZEBNICA VOR-DME
VOR	AWY-HI	17.11431	9,632 m		
MIXAT	UN869	51.48833	27,500 ft	35	-
FIX	AWY-HI	18.00806	8,382 m		
GULPO	N869	51.70389	15,700 ft	43	-
FIX	AWY-LO	19.13250	4,785 m		
EPWA	-	52.16509	0 ft	73	WARSZAWA Okęcie
APT	-	20.96692	0 m		

GMAD

Region: MOROCCO
Timezone: AFRICA/CASABLANCA
Runways: 1

Elevation: 250 ft / 76 m
Location: 30.322600 -9.411510
Magnetic Var: 1.776 W

METAR

GMAD 180200Z 18006KT 8000 BKN020 18/17 Q1011 NOSIG

TAF

TAF GMAD 172300Z 1800/1906 19006KT 9999 SCT016 BECMG 1812/1814 26014KT

Frequencies

TWR - 119.50 MHz - AL MASSIRA TOWER
REC - 127.75 MHz - AL MASSIRA ATIS

APP - 120.90 MHz - AL MASSIRA APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	148 ft	10,482 ft	91.58	ASPHALT	0 ft	0 ft
	45 m	3,195 m	93.35		0 m	0 m
27	148 ft	10,482 ft	271.59	ASPHALT	0 ft	0 ft
	45 m	3,195 m	273.37		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
27	LOC-ILS	ADA	110.30 MHz	18 nm	271.58	-	250 ft
				33 km	273.36		250 m
27	GS	ADA	110.30 MHz	10 nm	271.18	3.00	250 ft
				19 km	272.96		250 m

EPWA

Region: POLAND
Timezone: EUROPE/WARSAW
Runways: 2

Elevation: 362 ft / 110 m
Location: 52.165100 20.967000
Magnetic Var: 6.625 E

METAR

EPWA 180200Z 10007KT CAVOK 12/04 Q1015 NOSIG

TAF

TAF EPWA 180230Z 1803/1903 10010KT CAVOK PROB40 TEMPO 1807/1815 14015G25KT BECMG 1812/1815 16010KT PROB30 TEMPO 1

Frequencies

REC - 120.45 MHz - ATIS	TWR - 118.30 MHz - OKECIE TOWER
GND - 121.90 MHz - OKECIE GROUND	CLD - 121.60 MHz - CLEARANCE DELIVERY
APP - 128.80 MHz - WARSAW APPROACH	APP - 125.05 MHz - WARSAW APPROACH
REC - 118.77 MHz - OLSZTYN INFORMATION	REC - 119.45 MHz - WARSAW INFORMATION

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	164 ft	9,166 ft	114.57	ASPHALT	0 ft	492 ft
	50 m	2,794 m	107.95		0 m	150 m
29	164 ft	9,166 ft	294.60	ASPHALT	1,617 ft	102 ft
	50 m	2,794 m	287.98		493 m	31 m
15	197 ft	12,093 ft	151.80	ASPHALT	0 ft	144 ft
	60 m	3,686 m	145.18		0 m	44 m
33	197 ft	12,093 ft	331.82	ASPHALT	2,159 ft	148 ft
	60 m	3,686 m	325.20		658 m	45 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11	DME	WAS	109.90 MHz	18 nm	-	-	394 ft
				33 km	-		394 m
33	DME	WA	110.30 MHz	18 nm	-	-	394 ft
				33 km	-		394 m
11	LOC-ILS	WAS	109.90 MHz	18 nm	114.59	-	362 ft
				33 km	107.97		362 m
33	LOC-ILS	WA	110.30 MHz	18 nm	331.82	-	362 ft
				33 km	325.20		362 m
11	GS	WAS	109.90 MHz	10 nm	114.59	3.00	362 ft
				19 km	107.97		362 m
33	GS	WA	110.30 MHz	10 nm	331.82	3.00	362 ft
				19 km	325.20		362 m