

RKSW

SUWON

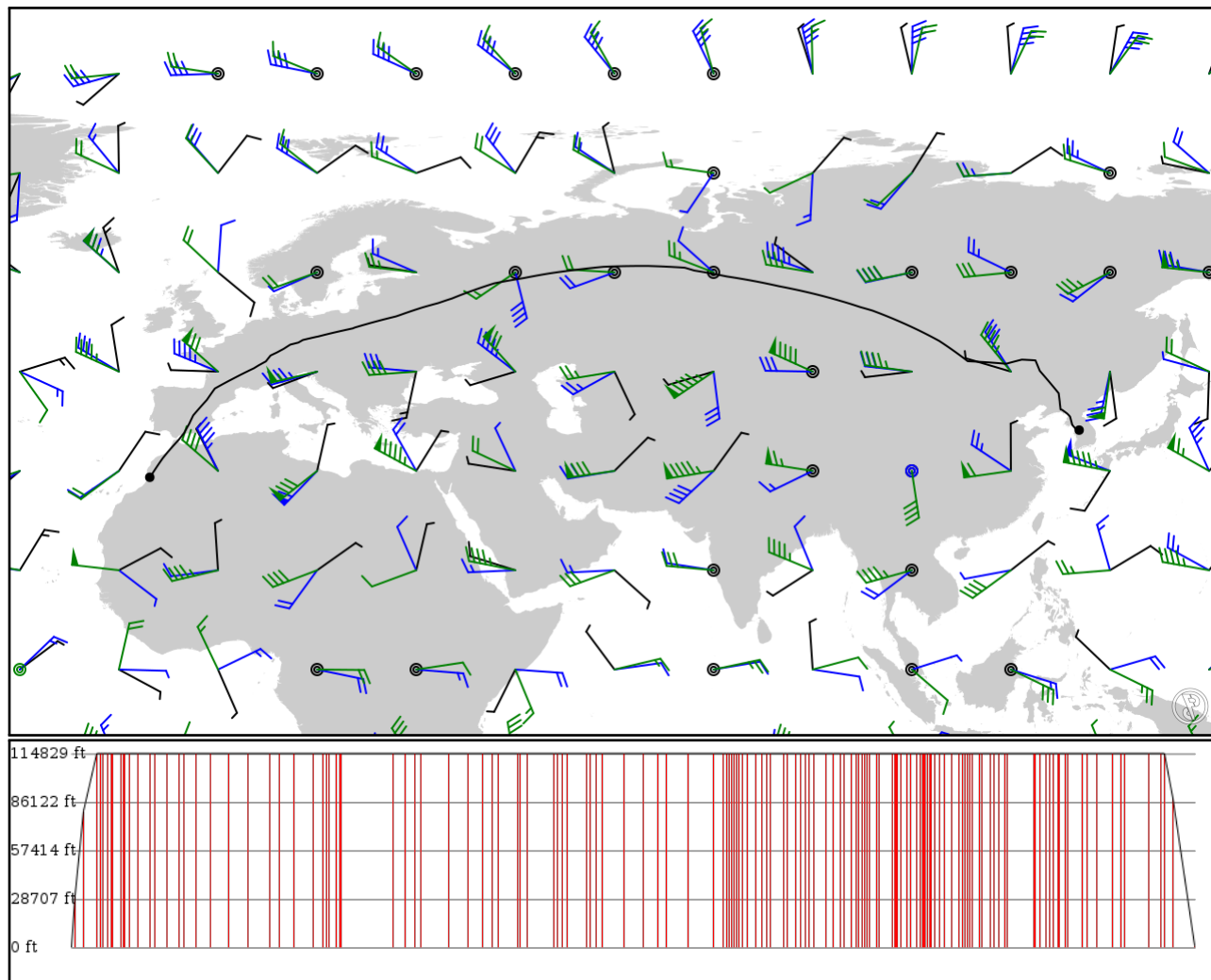
GMAD

Agadir Al Massira Intl

2024/06/07 0331Z

RKSW GOGET 3800N12600E GK A575 GOLOT A345 ABVAX SUMBE H20 TAMS V35 UH A310 SERNA A822 LONKA R497
TODES B228 HMN R22 UNISO G723 KEMID B714 AJ G723 RATIN N869 VTB VTB N869 OKG UN869 VEROX N869
MILPA UN869 REPSI T41 LERGA UN869 OLRAK UQ169 TBO UN869 NASOS UL27 BLN UN869 MGA UM985 PIMOS
UN869 SLK UB11 MABAP UN869 ADM GMAD

6314.36 nm / 11694.20 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
RKSW APT	-	37.23540 127.01300	0 ft 0 m	-	SUWON
GOGET FIX	-	37.41170 126.51000	9,300 ft 2,835 m	26	-
3800N12600E LATLON	-	38.00000 126.00000	24,600 ft 7,498 m	42	-
GK VOR	-	39.21850 125.67600	35,000 ft 10,668 m	74	PYONGYANG
BODOK FIX	A575 AWY-HI	39.48420 125.43000	35,000 ft 10,668 m	19	-
JONJU FIX	A575 AWY-HI	39.68500 125.21700	35,000 ft 10,668 m	15	-
YOMJU FIX	A575 AWY-HI	40.01140 124.77700	35,000 ft 10,668 m	28	-
GOLOT FIX	A575 AWY-HI	40.20830 124.50800	35,000 ft 10,668 m	17	-
DDG DME	A345 AWY-HI	40.26000 124.28800	35,000 ft 10,668 m	10	DANDONG VOR-DME
ANSUK FIX	A345 AWY-HI	41.04830 124.19300	35,000 ft 10,668 m	47	-
VILIX FIX	A345 AWY-HI	41.28170 124.17300	35,000 ft 10,668 m	14	-
BIDIB FIX	A345 AWY-HI	41.40670 124.16300	35,000 ft 10,668 m	7	-
EKVOK FIX	A345 AWY-HI	41.82330 124.11000	35,000 ft 10,668 m	25	-
KYU VOR	A345 AWY-HI	42.63170 124.00700	35,000 ft 10,668 m	48	KAIYUAN
UGRUP FIX	A345 AWY-HI	43.61500 123.19800	35,000 ft 10,668 m	68	-
DULEX FIX	A345 AWY-HI	43.93830 122.92800	35,000 ft 10,668 m	22	-
APUKO FIX	A345 AWY-HI	44.89500 122.11800	35,000 ft 10,668 m	67	-
IKITI FIX	A345 AWY-HI	45.91500 121.23500	35,000 ft 10,668 m	71	-
ELPUN FIX	A345 AWY-HI	46.30670 121.07200	35,000 ft 10,668 m	24	-
ABVAX FIX	A345 AWY-HI	47.46000 120.59000	35,000 ft 10,668 m	72	-
SUMBE FIX	-	47.56890 118.60000	35,000 ft 10,668 m	80	-
TAMSA FIX	H20 AWY-HI	46.95470 116.27600	35,000 ft 10,668 m	101	-
HOTOL FIX	V35 AWY-HI	47.16030 113.72600	35,000 ft 10,668 m	105	-
UH NDB	V35 AWY-HI	47.33020 110.66400	35,000 ft 10,668 m	125	UNDURKHAAN
TAYAN FIX	A310 AWY-HI	48.03420 109.73300	35,000 ft 10,668 m	56	-
BAGAT FIX	A310 AWY-HI	49.00890 108.38500	35,000 ft 10,668 m	79	-
SERNA	A310	50.30830	35,000 ft	107	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	106.46800	10,668 m		
KEMON	A822	50.85250	35,000 ft	50	-
FIX	AWY-HI	105.45400	10,668 m		
LUTOG	A822	51.06920	35,000 ft	20	-
FIX	AWY-HI	105.03900	10,668 m		
BAPIR	A822	51.22720	35,000 ft	14	-
FIX	AWY-HI	104.73100	10,668 m		
AGANU	A822	51.26780	35,000 ft	3	-
FIX	AWY-HI	104.65100	10,668 m		
GUDMI	A822	51.67640	35,000 ft	39	-
FIX	AWY-HI	103.83600	10,668 m		
RELIK	A822	51.87720	35,000 ft	19	-
FIX	AWY-HI	103.42600	10,668 m		
NEDAG	A822	51.95250	35,000 ft	7	-
FIX	AWY-HI	103.27000	10,668 m		
LONKA	A822	54.75060	35,000 ft	290	-
FIX	AWY-HI	96.66640	10,668 m		
RO	R497	55.26500	35,000 ft	68	AGINSKOYE
NDB	AWY-HI	94.87750	10,668 m		
ATREG	R497	55.74560	35,000 ft	57	-
FIX	AWY-HI	93.39970	10,668 m		
OSKID	R497	56.01560	35,000 ft	34	-
FIX	AWY-HI	92.50640	10,668 m		
UTIMA	R497	57.15560	35,000 ft	154	-
FIX	AWY-HI	88.30940	10,668 m		
RISOL	R497	57.87060	35,000 ft	109	-
FIX	AWY-HI	85.19610	10,668 m		
KUMOD	R497	58.32720	35,000 ft	76	-
FIX	AWY-HI	82.93250	10,668 m		
LAMEG	R497	58.70720	35,000 ft	59	-
FIX	AWY-HI	81.16420	10,668 m		
DISOM	R497	58.87720	35,000 ft	27	-
FIX	AWY-HI	80.32750	10,668 m		
GEMRI	R497	59.48390	35,000 ft	109	-
FIX	AWY-HI	76.97060	10,668 m		
MOLUB	R497	59.56390	35,000 ft	15	-
FIX	AWY-HI	76.48560	10,668 m		
KUPON	R497	59.75060	35,000 ft	38	-
FIX	AWY-HI	75.28220	10,668 m		
TODES	R497	60.63060	35,000 ft	152	-
FIX	AWY-HI	70.48190	10,668 m		
TERDO	B228	60.80170	35,000 ft	19	-
FIX	AWY-HI	69.92170	10,668 m		
HMN	B228	61.03300	35,000 ft	27	KHANTY-MANSIYSK
VOR	AWY-HI	69.12710	10,668 m		
RATRI	R22	61.09170	35,000 ft	26	-
FIX	AWY-HI	68.21500	10,668 m		
TIRAR	R22	61.26330	35,000 ft	107	-
FIX	AWY-HI	64.52860	10,668 m		
UNISO	R22	61.29030	35,000 ft	25	-
FIX	AWY-HI	63.66000	10,668 m		
ARKIM	G723	61.29000	35,000 ft	28	-
FIX	AWY-HI	62.67420	10,668 m		
MINPU	G723	61.27890	35,000 ft	38	-
FIX	AWY-HI	61.34280	10,668 m		
NIPRA	G723	61.16780	35,000 ft	119	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	57.21110	10,668 m		
SUNAD	G723	60.78360	35,000 ft	107	-
FIX	AWY-HI	53.61750	10,668 m		
RULOT	G723	60.43250	35,000 ft	84	-
FIX	AWY-HI	50.85500	10,668 m		
OSKIT	G723	60.19530	35,000 ft	50	-
FIX	AWY-HI	49.23140	10,668 m		
ANDAT	G723	59.51670	35,000 ft	119	-
FIX	AWY-HI	45.49780	10,668 m		
KEMID	G723	58.74170	35,000 ft	142	-
FIX	AWY-HI	41.14280	10,668 m		
BERKA	B714	58.26690	35,000 ft	54	-
FIX	AWY-HI	39.67330	10,668 m		
IRLEM	B714	58.05580	35,000 ft	23	-
FIX	AWY-HI	39.04860	10,668 m		
LUGON	B714	57.95830	35,000 ft	10	-
FIX	AWY-HI	38.76610	10,668 m		
NIBRA	B714	57.84330	35,000 ft	12	-
FIX	AWY-HI	38.43610	10,668 m		
GIMUS	B714	57.69670	35,000 ft	15	-
FIX	AWY-HI	38.02280	10,668 m		
RILAD	B714	57.61500	35,000 ft	8	-
FIX	AWY-HI	37.79780	10,668 m		
PIGUN	B714	57.43500	35,000 ft	19	-
FIX	AWY-HI	37.30440	10,668 m		
BENEK	B714	57.28830	35,000 ft	15	-
FIX	AWY-HI	36.90940	10,668 m		
RUNEP	B714	57.03500	35,000 ft	26	-
FIX	AWY-HI	36.24280	10,668 m		
AJ	B714	56.51750	35,000 ft	53	STARITSA
NDB	AWY-HI	34.93640	10,668 m		
GAPSA	G723	56.27810	35,000 ft	28	-
FIX	AWY-HI	34.19280	10,668 m		
MITMU	G723	56.02140	35,000 ft	29	-
FIX	AWY-HI	33.43110	10,668 m		
TU	G723	55.85420	35,000 ft	19	BELY
NDB	AWY-HI	32.93920	10,668 m		
RATIN	G723	55.28000	35,000 ft	78	-
FIX	AWY-HI	30.86140	10,668 m		
VTB	N869	55.12790	35,000 ft	19	VICIEBSK
VOR	AWY-HI	30.35990	10,668 m		
VTB	-	55.12500	35,000 ft	0	VITEBSK VOR-DME
DME	-	30.35330	10,668 m		
KOSAN	N869	54.77500	35,000 ft	42	-
FIX	AWY-HI	29.27640	10,668 m		
PENAL	N869	54.51810	35,000 ft	30	-
FIX	AWY-HI	28.52140	10,668 m		
TEDRO	N869	54.28970	35,000 ft	26	-
FIX	AWY-HI	27.86310	10,668 m		
MATUS	N869	54.10310	35,000 ft	21	-
FIX	AWY-HI	27.33810	10,668 m		
OSMUS	N869	53.89470	35,000 ft	25	-
FIX	AWY-HI	26.72250	10,668 m		
UGNAL	N869	53.46970	35,000 ft	66	-
FIX	AWY-HI	25.00140	10,668 m		
GORAT	N869	53.17810	35,000 ft	43	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	23.89420	10,668 m		
BESOT	N869	52.92170	35,000 ft	37	-
FIX	AWY-HI	22.94440	10,668 m		
BULEP	N869	52.77110	35,000 ft	21	-
FIX	AWY-HI	22.41890	10,668 m		
XATOG	N869	52.45970	35,000 ft	43	-
FIX	AWY-HI	21.33220	10,668 m		
WAR	N869	52.25930	35,000 ft	27	ZABOROWEK
VOR	AWY-HI	20.65720	10,668 m		
KUKOP	N869	52.14780	35,000 ft	11	-
FIX	AWY-HI	20.41060	10,668 m		
SOXER	N869	52.04380	35,000 ft	18	-
FIX	AWY-HI	19.93500	10,668 m		
OTPOP	N869	51.96560	35,000 ft	14	-
FIX	AWY-HI	19.57500	10,668 m		
VAMPU	N869	51.86580	35,000 ft	17	-
FIX	AWY-HI	19.12500	10,668 m		
BAXIS	N869	51.80860	35,000 ft	10	-
FIX	AWY-HI	18.86390	10,668 m		
UVIVI	N869	51.58750	35,000 ft	38	-
FIX	AWY-HI	17.88330	10,668 m		
AGALU	N869	51.47140	35,000 ft	19	-
FIX	AWY-HI	17.38560	10,668 m		
IXURO	N869	51.01780	35,000 ft	74	-
FIX	AWY-HI	15.54390	10,668 m		
TOMTI	N869	50.95310	35,000 ft	10	-
FIX	AWY-HI	15.29330	10,668 m		
OKX	N869	50.90270	35,000 ft	10	FRYDLANT
VOR	AWY-HI	15.03190	10,668 m		
ASTEL	N869	50.86440	35,000 ft	6	-
FIX	AWY-HI	14.86050	10,668 m		
RAVKU	N869	50.76680	35,000 ft	17	-
FIX	AWY-HI	14.42890	10,668 m		
GOPSI	N869	50.56630	35,000 ft	34	-
FIX	AWY-HI	13.56910	10,668 m		
KONAR	N869	50.44510	35,000 ft	20	-
FIX	AWY-HI	13.06560	10,668 m		
OKG	N869	50.06510	35,000 ft	34	CHEB
VOR	AWY-HI	12.40570	10,668 m		
RONIG	UN869	49.94610	35,000 ft	19	-
FIX	AWY-HI	11.93250	10,668 m		
NOGRA	UN869	49.88170	35,000 ft	10	-
FIX	AWY-HI	11.67640	10,668 m		
KEPOM	UN869	49.80810	35,000 ft	12	-
FIX	AWY-HI	11.38280	10,668 m		
ANELA	UN869	49.76880	35,000 ft	6	-
FIX	AWY-HI	11.22460	10,668 m		
KEGOS	UN869	49.66060	35,000 ft	9	-
FIX	AWY-HI	11.05140	10,668 m		
AMOS	UN869	49.50940	35,000 ft	13	-
FIX	AWY-HI	10.81140	10,668 m		
ODEGU	UN869	49.41450	35,000 ft	8	-
FIX	AWY-HI	10.66190	10,668 m		
DKB	UN869	49.14280	35,000 ft	23	DINKELSBUEHL
VOR	AWY-HI	10.23830	10,668 m		
GUPIN	UN869	48.88250	35,000 ft	24	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	9.74806	10,668 m		
TEDGO	UN869	48.61840	35,000 ft	25	-
FIX	AWY-HI	9.25921	10,668 m		
NATOR	UN869	48.17000	35,000 ft	46	-
FIX	AWY-HI	8.32126	10,668 m		
RINLI	UN869	47.62280	35,000 ft	37	-
FIX	AWY-HI	7.88083	10,668 m		
OLBEN	UN869	47.30440	35,000 ft	21	-
FIX	AWY-HI	7.62944	10,668 m		
LUTIX	UN869	47.16500	35,000 ft	13	-
FIX	AWY-HI	7.37056	10,668 m		
BENOT	UN869	47.05770	35,000 ft	10	-
FIX	AWY-HI	7.17281	10,668 m		
NEMOS	UN869	46.91190	35,000 ft	13	-
FIX	AWY-HI	6.90656	10,668 m		
VEROX	UN869	46.72750	35,000 ft	17	-
FIX	AWY-HI	6.57333	10,668 m		
MILPA	N869	46.30250	35,000 ft	38	-
FIX	AWY-LO	5.87972	10,668 m		
NINTU	UN869	46.14720	35,000 ft	16	-
FIX	AWY-HI	5.55306	10,668 m		
MEBAK	UN869	45.70800	35,000 ft	46	-
FIX	AWY-HI	4.64886	10,668 m		
REPSI	UN869	45.52240	35,000 ft	19	-
FIX	AWY-HI	4.27528	10,668 m		
LERGA	T41	45.25730	35,000 ft	27	-
FIX	AWY-LO	3.75017	10,668 m		
MOKDI	UN869	44.95690	35,000 ft	30	-
FIX	AWY-HI	3.16694	10,668 m		
OLRAK	UN869	44.78440	35,000 ft	17	-
FIX	AWY-HI	2.83722	10,668 m		
TBO	UQ169	43.33220	35,000 ft	145	TARBES
VOR	AWY-HI	0.14575	10,668 m		
OBUTO	UN869	43.15920	35,000 ft	11	-
FIX	AWY-HI	0.02083	10,668 m		
SOVAR	UN869	42.78810	35,000 ft	25	-
FIX	AWY-HI	-0.24453	10,668 m		
SURCO	UN869	42.32880	35,000 ft	31	-
FIX	AWY-HI	-0.56794	10,668 m		
ZARKO	UN869	42.00490	35,000 ft	21	-
FIX	AWY-HI	-0.79281	10,668 m		
ZAR	UN869	41.65790	35,000 ft	23	ZARAGOZA
VOR	AWY-HI	-1.03086	10,668 m		
EXEMU	UN869	41.27230	35,000 ft	28	-
FIX	AWY-HI	-1.38369	10,668 m		
PISUS	UN869	41.19370	35,000 ft	5	-
FIX	AWY-HI	-1.45500	10,668 m		
EDIMU	UN869	40.77830	35,000 ft	30	-
FIX	AWY-HI	-1.82833	10,668 m		
ADUXO	UN869	40.51230	35,000 ft	19	-
FIX	AWY-HI	-2.06428	10,668 m		
NASOS	UN869	39.39910	35,000 ft	80	-
FIX	AWY-HI	-3.02778	10,668 m		
ANZAN	UL27	39.00000	35,000 ft	25	-
FIX	AWY-HI	-3.22144	10,668 m		
BLN	UL27	38.15250	35,000 ft	54	BAILEN

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	-3.62500	10,668 m		
MGA	UN869	36.81430	35,000 ft	87	MALAGA
VOR	AWY-HI	-4.36958	10,668 m		
PIMOS	UM985	36.15040	35,000 ft	47	-
FIX	AWY-HI	-4.89347	10,668 m		
GALTO	UN869	35.83330	35,000 ft	22	-
FIX	AWY-HI	-5.14361	10,668 m		
RBT	UN869	34.04990	35,000 ft	133	RABAT
VOR	AWY-HI	-6.74639	10,668 m		
SLK	UN869	33.11570	35,000 ft	67	SIDI KHEDIM (CASABLANCA)
VOR	AWY-HI	-7.50610	10,668 m		
PELAX	UB11	32.85360	35,000 ft	18	-
FIX	AWY-HI	-7.69050	10,668 m		
MABAP	UB11	32.12430	26,900 ft	50	-
FIX	AWY-HI	-8.19712	8,199 m		
ADM	UN869	30.32190	300 ft	124	AL-MASSIRA (AGADIR)
VOR	AWY-HI	-9.38347	91 m		
GMAD	-	30.32260	0 ft	1	Agadir Al Massira Intl
APT	-	-9.41151	0 m		

RKSW

Region: SOUTH KOREA
Timezone: ASIA/SEOUL
Runways: 3

Elevation: 88 ft / 27 m
Location: 37.235400 127.013000
Magnetic Var: 8.784 W

METAR

UNKNOWN

TAF

UNKNOWN

Frequencies

REC - 126.42 MHz - ATIS
APP - 127.90 MHz - OSAN APP/DEP
TWR - 126.20 MHz -

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15L	150 ft	8,960 ft	142.52	ASPHALT	0 ft	870 ft
	46 m	2,731 m	151.30		0 m	265 m
33R	150 ft	8,960 ft	322.53	ASPHALT	0 ft	1,000 ft
	46 m	2,731 m	331.32		0 m	305 m
15R	150 ft	9,009 ft	142.12	ASPHALT	0 ft	1,000 ft
	46 m	2,746 m	150.90		0 m	305 m
33L	150 ft	9,009 ft	322.13	ASPHALT	0 ft	1,000 ft
	46 m	2,746 m	330.91		0 m	305 m
16	143 ft	7,550 ft	158.09	ASPHALT	0 ft	0 ft
	44 m	2,301 m	166.87		0 m	0 m
34	143 ft	7,550 ft	338.09	ASPHALT	0 ft	0 ft
	44 m	2,301 m	346.88		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
33L	LOC-LOC	ISWN	108.50 MHz	18 nm	322.11	-	88 ft
				33 km	330.90		88 m

GMAD

Region: MOROCCO
Timezone: AFRICA/CASABLANCA
Runways: 1

Elevation: 250 ft / 76 m
Location: 30.322600 -9.411510
Magnetic Var: 1.770 W

METAR

GMAD 070300Z 25006KT 8000 BKN030 19/18 Q1014 NOSIG

TAF

TAF GMAD 062300Z 0700/0806 06008KT 6000 BKN016

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	273.36		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	273.35		250 m
27	GS	ADA	110.30 MHz	10 nm	271.18	3.00	250 ft
				19 km	272.95		250 m