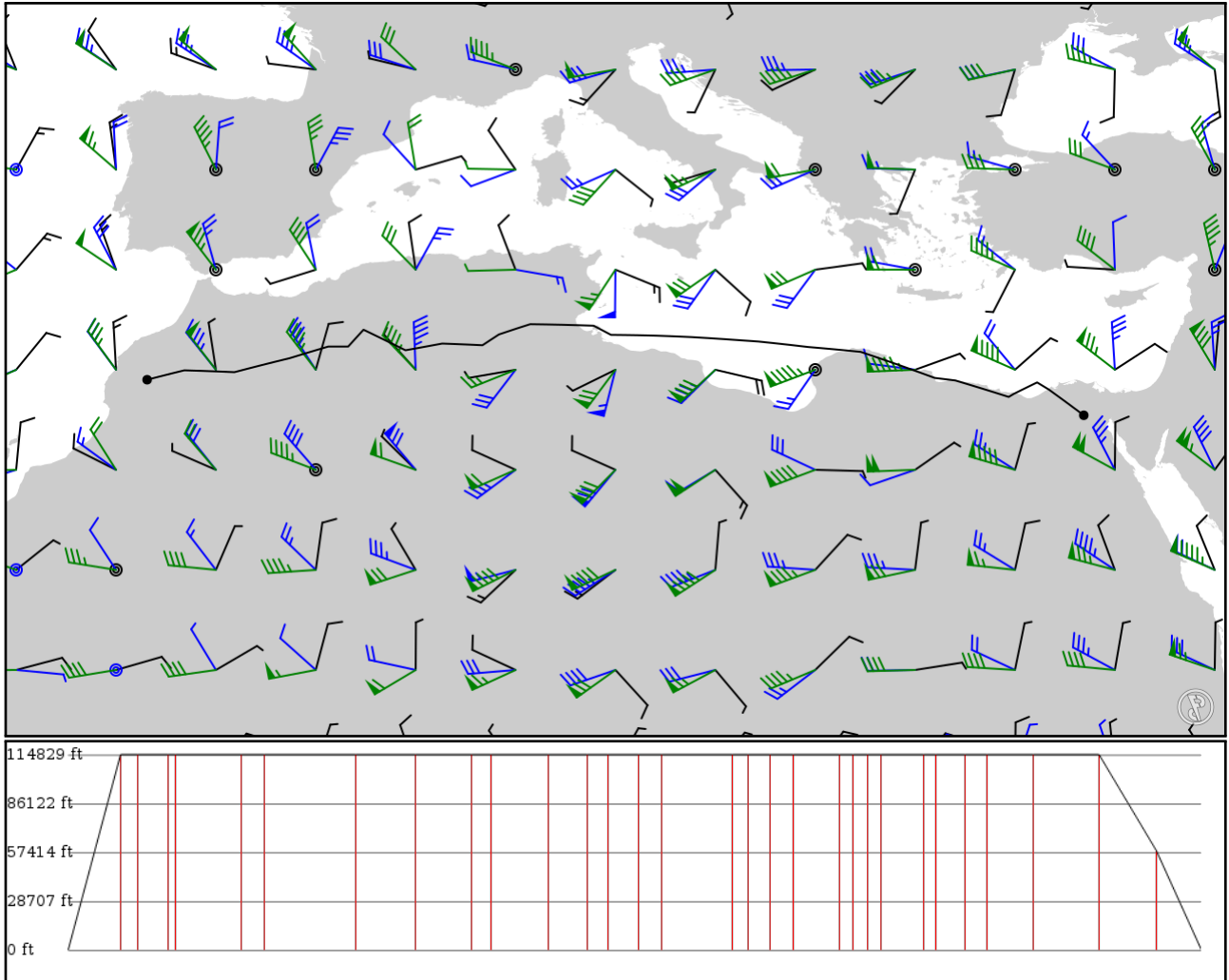


2024/06/15 1241Z

HECA NOZ A1 BOPED W725 BRN A411 LOSUL UP128 TANLI UA411 JBA UV273 TON UG361 ELO J28 TGU J65 HRM
J64 LOUHA J24 BAY A29 BESBA SEFRA BRF UH119 ERA UL102 RUBAB GMMX

2128.95 nm / 3942.82 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
HECA	-	30.11140	0 ft	-	Cairo Intl
APT	-	31.41390	0 m		
NOZ	-	31.18760	35,000 ft	99	ALEXANDRIA
VOR	-	29.95070	10,668 m		
BOPED	A1	31.49420	35,000 ft	31	-
FIX	AWY-HI	29.44860	10,668 m		
DBA	W725	31.01140	35,000 ft	58	EL DABA
VOR	AWY-HI	28.46690	10,668 m		
NANVO	W725	30.88330	35,000 ft	13	-
FIX	AWY-HI	28.25170	10,668 m		
BRN	W725	31.57560	35,000 ft	122	SIDI BARRANI
VOR	AWY-HI	26.00560	10,668 m		
LOSUL	A411	31.68330	35,000 ft	45	-
FIX	AWY-HI	25.13330	10,668 m		
LAB	UP128	32.77810	35,000 ft	171	LABRAQ (EL BEIDA)
NDB	AWY-HI	22.02020	10,668 m		
PUFER	UP128	32.98360	35,000 ft	112	-
FIX	AWY-HI	19.79670	10,668 m		
DOLFI	UP128	33.21330	35,000 ft	105	-
FIX	AWY-HI	17.72000	10,668 m		
OJAAJ	UP128	33.26330	35,000 ft	36	-
FIX	AWY-HI	17.00000	10,668 m		
SAMAK	UP128	33.40110	35,000 ft	106	-
FIX	AWY-HI	14.87720	10,668 m		
HITAN	UP128	33.46000	35,000 ft	73	-
FIX	AWY-HI	13.41920	10,668 m		
AMWAJ	UP128	33.47830	35,000 ft	39	-
FIX	AWY-HI	12.63170	10,668 m		
TANLI	UP128	33.49390	35,000 ft	56	-
FIX	AWY-HI	11.50000	10,668 m		
JBA	UA411	33.87720	35,000 ft	43	DJERBA
VOR	AWY-HI	10.77160	10,668 m		
TON	UV273	33.94130	35,000 ft	133	TOZEUR
VOR	AWY-HI	8.10039	10,668 m		
KRIMA	UG361	33.76670	35,000 ft	29	-
FIX	AWY-HI	7.55000	10,668 m		
ELO	UG361	33.51050	35,000 ft	41	EL OUED
VOR	AWY-HI	6.78061	10,668 m		
TGU	J28	33.05720	35,000 ft	44	TOUGGOURT
VOR	AWY-HI	6.08880	10,668 m		
CITER	J65	33.12750	35,000 ft	85	-
FIX	AWY-HI	4.39139	10,668 m		
BERIA	J65	33.03170	35,000 ft	26	-
FIX	AWY-HI	3.87000	10,668 m		
HRM	J65	32.93720	35,000 ft	26	HASSI R'MEL
VOR	AWY-HI	3.35667	10,668 m		
LOUHA	J64	32.84580	35,000 ft	26	-
FIX	AWY-HI	2.84444	10,668 m		
SAKNA	J24	33.50580	35,000 ft	78	-
FIX	AWY-HI	1.50000	10,668 m		
BAY	J24	33.70980	35,000 ft	24	EL BAYADH
VOR	AWY-HI	1.07919	10,668 m		
BESBA	A29	33.00000	35,000 ft	53	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	0.43111	10,668 m		
SEFRA	-	33.00000	35,000 ft	42	-
FIX	-	-0.41167	10,668 m		
BRF	-	32.51430	35,000 ft	86	BOUARFA
VOR	-	-2.03047	10,668 m		
ERA	UH119	31.92420	35,000 ft	123	ERRACHIDIA
VOR	AWY-HI	-4.36053	10,668 m		
RUBAB	UL102	32.00200	17,800 ft	107	-
FIX	AWY-HI	-6.47062	5,425 m		
GMMX	-	31.60690	0 ft	83	MENARA
APT	-	-8.03627	0 m		

HECA

Region: EGYPT
Timezone: AFRICA/CAIRO
Runways: 3

Elevation: 466 ft / 142 m
Location: 30.111400 31.413900
Magnetic Var: 4.959 E

METAR

HECA 151200Z 31009KT CAVOK 41/13 Q1005

TAF

TAF HECA 151100Z 1512/1618 02010KT CAVOK

Frequencies

REC - 122.60 MHz - ATIS
GND - 121.90 MHz - CAIRO GROUND NORTH
APP - 119.05 MHz - CAIRO APPROACH
GND - 120.40 MHz - CAIRO GROUND SOUTH
TWR - 118.10 MHz - CAIRO TOWER

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05R	197 ft	13,135 ft	49.04	ASPHALT	0 ft	217 ft
	60 m	4,004 m	44.08		0 m	66 m
23L	197 ft	13,135 ft	229.05	ASPHALT	0 ft	226 ft
	60 m	4,004 m	224.09		0 m	69 m
05C	197 ft	13,132 ft	49.04	ASPHALT	0 ft	217 ft
	60 m	4,003 m	44.08		0 m	66 m
23C	197 ft	13,132 ft	229.05	ASPHALT	0 ft	226 ft
	60 m	4,003 m	224.09		0 m	69 m
05L	197 ft	10,840 ft	49.29	ASPHALT	0 ft	184 ft
	60 m	3,304 m	44.33		0 m	56 m
23R	197 ft	10,840 ft	229.30	ASPHALT	0 ft	184 ft
	60 m	3,304 m	224.34		0 m	56 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05L	DME	CRL	110.90 MHz	18 nm	-	-	230 ft
				33 km	-		230 m
05R	DME	IROT	109.90 MHz	18 nm	-	-	430 ft
				33 km	-		430 m
23L	DME	ILOT	109.50 MHz	18 nm	-	-	420 ft
				33 km	-		420 m
23R	DME	CRR	110.30 MHz	18 nm	-	-	230 ft
				33 km	-		230 m
05L	LOC-ILS	IZFL	110.90 MHz	18 nm	49.30	-	466 ft
				33 km	44.34		466 m
05C	LOC-ILS	IZFC	109.90 MHz	18 nm	49.04	-	466 ft
				33 km	44.08		466 m
05R	LOC-ILS	IZFR	108.90 MHz	18 nm	49.05	-	466 ft
				33 km	44.09		466 m
23L	LOC-ILS	ITTL	108.70 MHz	18 nm	229.05	-	466 ft
				33 km	224.09		466 m
23C	LOC-ILS	ITTC	109.50 MHz	18 nm	229.04	-	466 ft
				33 km	224.08		466 m
23R	LOC-ILS	ITTR	110.30 MHz	18 nm	229.30	-	466 ft

Runway	Type	Ident	Frequency	Range		Bearing (true) (mag)	Slope	Elevation
				33 km				
05L	GS	IZFL	110.90 MHz	10 nm		49.30	3.00	466 ft
				19 km		44.34		466 m
05C	GS	IZFC	109.90 MHz	10 nm		49.04	3.00	466 ft
				19 km		44.08		466 m
05R	GS	IZFR	108.90 MHz	10 nm		49.05	3.00	466 ft
				19 km		44.09		466 m
23L	GS	ITTL	108.70 MHz	10 nm		229.05	3.00	466 ft
				19 km		224.09		466 m
23C	GS	ITTC	109.50 MHz	10 nm		229.04	3.00	466 ft
				19 km		224.08		466 m
23R	GS	ITTR	110.30 MHz	10 nm		229.30	3.00	466 ft
				19 km		224.34		466 m

GMMX

Region: MOROCCO
Timezone: AFRICA/CASABLANCA
Runways: 1

Elevation: 1,544 ft / 471 m
Location: 31.606900 -8.036270
Magnetic Var: 1.286 W

METAR

GMMX 151230Z VRB03KT 8000 NSC 28/16 Q1018 NOSIG

TAF

TAF TAF GMMX 151100Z 1512/1618 28006KT 8000 NSC TEMPO 1516/1522 34016KT SCT033 FEW040TCU

Frequencies

TWR - 118.70 MHz - MARRAKECH TWR
REC - 121.95 MHz - MARRAKECH ATIS

APP - 119.70 MHz - MARRAKECH APP
GND - 118.70 MHz - MARRAKECH GND

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	147 ft	10,123 ft	95.92	ASPHALT	0 ft	33 ft
	45 m	3,085 m	97.20		0 m	10 m
28	147 ft	10,123 ft	275.93	ASPHALT	0 ft	20 ft
	45 m	3,085 m	277.22		0 m	6 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10	LOC-ILS	MAR	109.70 MHz	18 nm	96.03	-	1,545 ft
				33 km	97.31		1,545 m
10	GS	MAR	109.70 MHz	10 nm	95.92	3.00	1,545 ft
				19 km	97.21		1,545 m