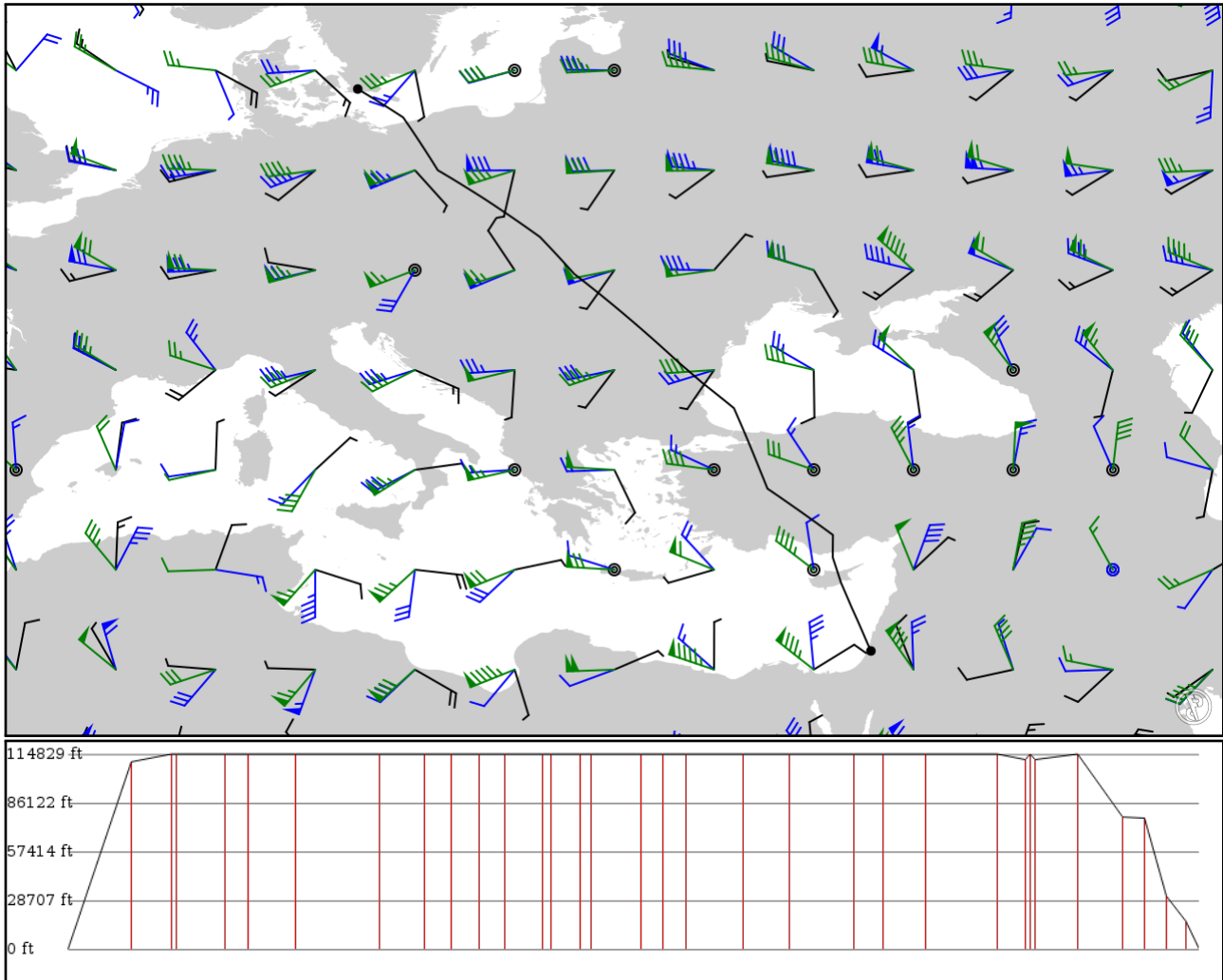


2024/05/14 1144Z

ESMS VIBUL **UL617** CZE **UL623** LENOV **UL619** MUT **UA28** LCA **UB17** TIROS **B17** Merva **H13** YOSEF LLBG

1715.42 nm / 3176.96 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
ESMS APT	-	55.52888 13.37111	0 ft 0 m	-	Malmo Sturup
VIBUL FIX	-	54.34167 15.27444	33,600 ft 10,241 m	96	-
MIRVO FIX	UL617 AWY-HI	53.38806 15.92083	35,000 ft 10,668 m	61	-
KALIT FIX	UL617 AWY-HI	53.29194 15.98417	35,000 ft 10,668 m	6	-
CZE VOR	UL617 AWY-HI	52.13061 16.72713	35,000 ft 10,668 m	74	CZEMPIN VOR-DME
BESTO FIX	UL623 AWY-HI	51.73000 17.39889	35,000 ft 10,668 m	34	-
BAREX FIX	UL623 AWY-HI	50.89444 18.73833	35,000 ft 10,668 m	71	-
LENOV FIX	UL623 AWY-HI	49.33639 21.01028	35,000 ft 10,668 m	128	-
KENIN FIX	UL619 AWY-HI	48.36139 21.92731	35,000 ft 10,668 m	68	-
KARIL FIX	UL619 AWY-HI	47.79395 22.44224	35,000 ft 10,668 m	39	-
LARMU FIX	UL619 AWY-HI	47.25032 23.13577	35,000 ft 10,668 m	43	-
REBLA FIX	UL619 AWY-HI	46.76013 23.74464	35,000 ft 10,668 m	38	-
DEMUN FIX	UL619 AWY-HI	46.03483 24.61853	35,000 ft 10,668 m	56	-
MOBRA FIX	UL619 AWY-HI	45.86441 24.81940	35,000 ft 10,668 m	13	-
PELUR FIX	UL619 AWY-HI	45.28674 25.48824	35,000 ft 10,668 m	44	-
BUKEL FIX	UL619 AWY-HI	45.07781 25.72571	35,000 ft 10,668 m	16	-
ARGES FIX	UL619 AWY-HI	44.08222 26.82667	35,000 ft 10,668 m	76	-
BALIK FIX	UL619 AWY-HI	43.67667 27.30000	35,000 ft 10,668 m	31	-
WRN VOR	UL619 AWY-HI	43.23139 27.81722	35,000 ft 10,668 m	34	VARNA VOR-DME
MAKOL FIX	UL619 AWY-HI	42.17056 29.14278	35,000 ft 10,668 m	86	-
GAYEM FIX	UL619 AWY-HI	41.04694 29.62861	35,000 ft 10,668 m	70	-
HANKO FIX	UL619 AWY-HI	39.49889 30.26611	35,000 ft 10,668 m	97	-
KFK NDB	UL619 AWY-HI	38.80389 30.54694	35,000 ft 10,668 m	43	AFYON NDB
OKLAM FIX	UL619 AWY-HI	38.09083 31.58278	35,000 ft 10,668 m	64	-
MUT VOR	UL619 AWY-HI	36.86417 33.29222	35,000 ft 10,668 m	109	MUT VOR-DME
NEKES FIX	UA28 AWY-HI	36.15361 33.28472	34,000 ft 10,363 m	42	-
MERAM	UA28	36.03639	35,000 ft	7	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	33.28694	10,668 m		
DOREN	UA28	35.93222	34,000 ft	6	-
FIX	AWY-HI	33.28278	10,363 m		
LCA	UA28	34.87333	35,000 ft	65	LARNACA VOR-DME
VOR	AWY-HI	33.62667	10,668 m		
VELOX	UB17	33.81667	23,700 ft	67	-
FIX	AWY-HI	34.08333	7,224 m		
TIROS	UB17	33.30000	23,500 ft	33	-
FIX	AWY-HI	34.31667	7,163 m		
MERVA	B17	32.78278	9,500 ft	33	-
FIX	AWY-LO	34.54417	2,896 m		
YOSEF	H13	32.31645	5,000 ft	29	-
FIX	AWY-LO	34.74384	1,524 m		
LLBG	-	32.01147	0 ft	19	Tel Aviv Ben Gurion
APT	-	34.88506	0 m		

## ESMS

Region: SWEDEN  
Timezone: EUROPE/STOCKHOLM  
Runways: 2

Elevation: 237 ft / 72 m  
Location: 55.528900 13.371100  
Magnetic Var: 4.900 E

## METAR

ESMS 141120Z 11011KT 080V140 CAVOK 19/06 Q1018

## TAF

TAF ESMS 140805Z 1409/1509 11012KT CAVOK

## Frequencies

REC - 129.27 MHz - MALMO ATIS  
TWR - 121.70 MHz - MALMO TOWER  
APP - 135.90 MHz - MALMO APPROACH

TWR - 118.80 MHz - MALMO TOWER  
APP - 135.12 MHz - MALMO APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	59 ft	2,575 ft	105.36	ASPHALT	0 ft	0 ft
	18 m	785 m	100.46		0 m	0 m
29	59 ft	2,575 ft	285.37	ASPHALT	0 ft	0 ft
	18 m	785 m	280.47		0 m	0 m
17	148 ft	9,181 ft	173.36	ASPHALT	0 ft	0 ft
	45 m	2,798 m	168.46		0 m	0 m
35	148 ft	9,181 ft	353.37	ASPHALT	0 ft	0 ft
	45 m	2,798 m	348.47		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
17	LOC-ILS	NMS	111.90 MHz	18 nm	173.37	-	237 ft
				33 km	168.47		237 m
35	LOC-ILS	SMS	108.10 MHz	18 nm	353.37	-	237 ft
				33 km	348.47		237 m
17	GS	NMS	111.90 MHz	10 nm	173.37	3.00	237 ft
				19 km	168.47		237 m
35	GS	SMS	108.10 MHz	10 nm	353.37	3.00	237 ft
				19 km	348.47		237 m

## LLBG

Region: ISRAEL

Timezone: ASIA/JERUSALEM

Runways: 3

Elevation: 134 ft / 41 m

Location: 32.009900 34.884000

Magnetic Var: 5.209 E

## METAR

LLBG 141120Z 30012KT 9999 SCT038 24/14 Q1012 NOSIG RMK FU OBS NW OF AD

## TAF

TAF TAF LLBG 140504Z 1406/1506 17006KT 9999 SCT030 PROB40 TEMPO 1406/1407 VRB04KT -RA BKN025 BECMG 1407/1409 28012

## Frequencies

REC - 132.50 MHz - ATIS

GND - 118.05 MHz - BEN GURION GROUND

TWR - 119.35 MHz - BEN GURION TOWER

TWR - 134.60 MHz - BEN GURION TOWER

DEP - 119.35 MHz - BEN GURION DEPARTURE

APP - 119.35 MHz - BEN GURION APPROACH

APP - 131.10 MHz - BEN GURION ARRIVAL

REC - 132.80 MHz - ATIS

GND - 129.20 MHz - BEN GURION GROUND

TWR - 132.10 MHz - BEN GURION TOWER

CLD - 118.30 MHz - CLEARANCE DELIVERY

DEP - 120.50 MHz - BEN GURION DEPARTURE

APP - 120.50 MHz - BEN GURION APPROACH

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	197 ft	9,120 ft	28.62	ASPHALT	0 ft	810 ft
	60 m	2,780 m	23.41		0 m	247 m
21	197 ft	9,120 ft	208.62	ASPHALT	0 ft	955 ft
	60 m	2,780 m	203.41		0 m	291 m
08	148 ft	13,304 ft	79.76	ASPHALT	1,440 ft	971 ft
	45 m	4,055 m	74.55		439 m	296 m
26	148 ft	13,304 ft	259.78	ASPHALT	2,051 ft	180 ft
	45 m	4,055 m	254.57		625 m	55 m
12	148 ft	10,222 ft	121.50	ASPHALT	0 ft	968 ft
	45 m	3,116 m	116.29		0 m	295 m
30	148 ft	10,222 ft	301.51	ASPHALT	266 ft	761 ft
	45 m	3,116 m	296.30		81 m	232 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	DME	BG	110.30 MHz	18 nm	-	-	135 ft
				33 km	-		135 m
08	LOC-ILS	BC	110.90 MHz	18 nm	79.77	-	134 ft
				33 km	74.56		134 m
12	LOC-ILS	BG	110.30 MHz	18 nm	121.51	-	134 ft
				33 km	116.30		134 m
21	LOC-ILS	BN	109.70 MHz	18 nm	208.62	-	134 ft
				33 km	203.41		134 m
26	LOC-ILS	BA	108.70 MHz	18 nm	259.77	-	134 ft
				33 km	254.56		134 m
30	LOC-ILS	BD	111.90 MHz	18 nm	301.51	-	134 ft
				33 km	296.30		134 m
08	GS	BC	110.90 MHz	10 nm	79.77	3.00	134 ft
				19 km	74.56		134 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
12	GS	BG	110.30 MHz	10 nm	121.51	3.00	134 ft
				19 km	116.30		134 m
21	GS	BN	109.70 MHz	10 nm	208.62	3.00	134 ft
				19 km	203.41		134 m
26	GS	BA	108.70 MHz	10 nm	259.77	3.00	134 ft
				19 km	254.56		134 m
30	GS	BD	111.90 MHz	10 nm	301.51	3.20	134 ft
				19 km	296.30		134 m