

# WMKK

Kuala Lumpur Intl

# TK6179

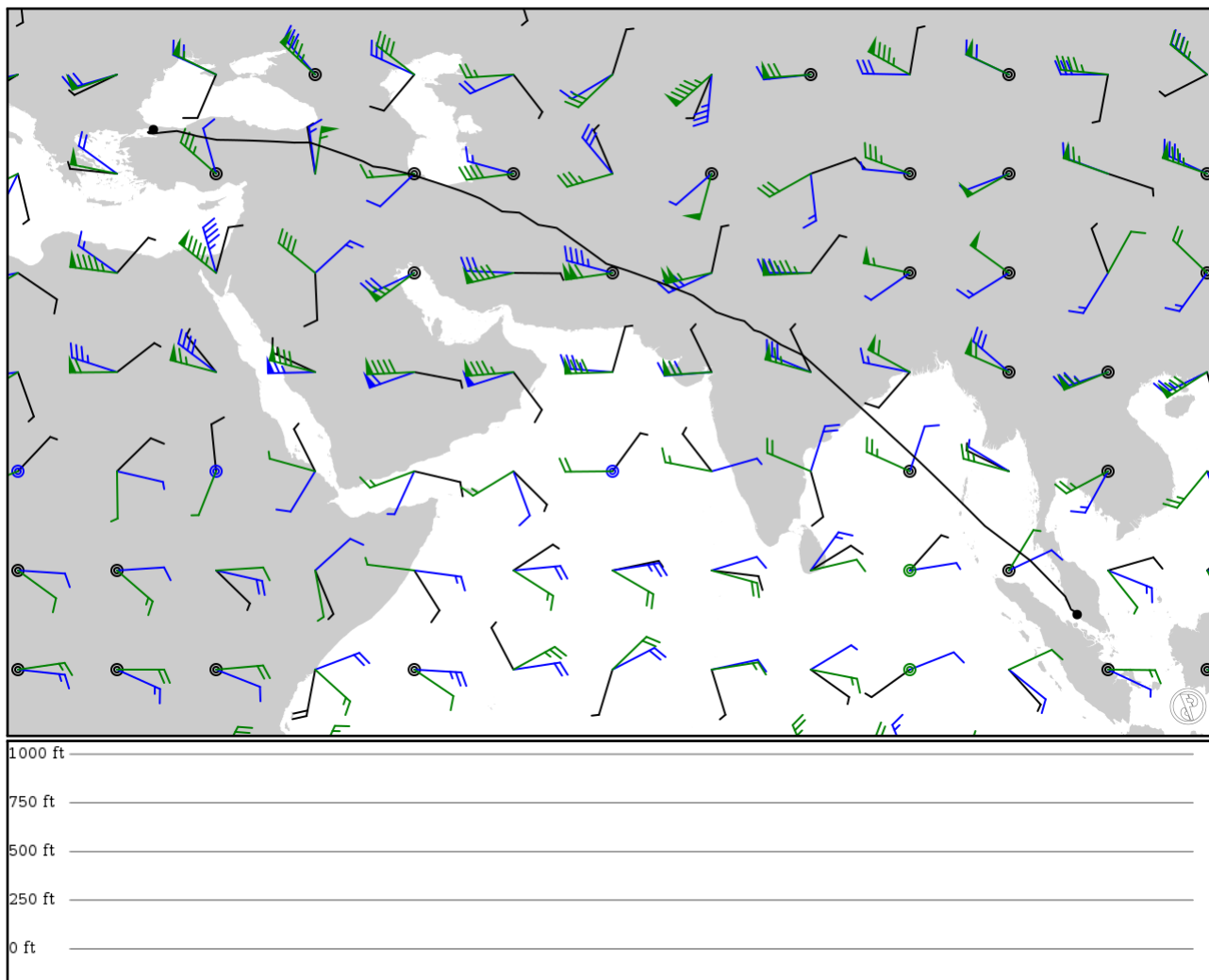
# LTBA

Istanbul Ataturk

2024/06/11 1940Z

WMKK MI14L BUKTI AGOSA BILIK SUKAT TEPUS GIVAL IGREX VATLA URKOK LARIK DORIL OPASA IKINA OPONI  
ASOPO 2401N7833E PUKES IBANI 2516N7620E NIKOT 2610N7458E 2612N7455E 2658N7322E VIKIT SERKA  
3040N6455E 3224N6201E SOKAM 3347N5918E 3409N5822E TASLU 3452N5632E GIBAB LABET KOBUB RALGO RAKED  
3807N4614E BORES DASIS ERZ DAMAT ARKIN GURBU SALGO YAVRU ERSEN ELMUV OVDUS BA588 IMREN ATCOS FI05  
LTBA

4626.58 nm / 8568.43 km



## Notes

Requested: WMKK MI14L BUKTI AGOSA BILIK SUKAT TEPUS GIVAL IGREX VATLA URKOK LARIK DORIL OPASA IKINA OPONI ASOPO 24

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
WMKK	-	2.73859	0 ft	-	Kuala Lumpur Intl
APT	-	101.70300	0 m		
MI14L	-	2.80400	0 ft	4	-
FIX	-	101.68500	0 m		
BUKTI	-	2.94053	0 ft	10	-
FIX	-	101.56600	0 m		
AGOSA	-	3.14472	0 ft	24	-
FIX	-	101.21900	0 m		
BILIK	-	3.34528	0 ft	13	-
FIX	-	101.12800	0 m		
SUKAT	-	3.59028	0 ft	16	-
FIX	-	101.02000	0 m		
TEPUS	-	4.17028	0 ft	38	-
FIX	-	100.75900	0 m		
GIVAL	-	7.00000	0 ft	236	-
FIX	-	98.00000	0 m		
IGREX	-	9.72444	0 ft	268	-
FIX	-	94.41670	0 m		
VATLA	-	14.73470	0 ft	424	-
FIX	-	89.31390	0 m		
URKOK	-	16.73670	0 ft	173	-
FIX	-	87.15170	0 m		
LARIK	-	18.83440	0 ft	181	-
FIX	-	84.87280	0 m		
DORIL	-	19.42580	0 ft	51	-
FIX	-	84.21470	0 m		
OPASA	-	20.58420	0 ft	99	-
FIX	-	82.95640	0 m		
IKINA	-	21.45080	0 ft	74	-
FIX	-	81.99810	0 m		
OPONI	-	21.78420	0 ft	28	-
FIX	-	81.64000	0 m		
ASOPO	-	23.18580	0 ft	121	-
FIX	-	80.06060	0 m		
2401N7833E	-	24.01000	0 ft	107	-
LATLON	-	78.33000	0 m		
PUKES	-	24.70060	0 ft	71	-
FIX	-	77.27000	0 m		
IBANI	-	25.00030	0 ft	34	-
FIX	-	76.71970	0 m		
2516N7620E	-	25.16000	0 ft	29	-
LATLON	-	76.20000	0 m		
NIKOT	-	25.88110	0 ft	59	-
FIX	-	75.44000	0 m		
2610N7458E	-	26.10000	0 ft	48	-
LATLON	-	74.58000	0 m		
2612N7455E	-	26.12000	0 ft	2	-
LATLON	-	74.55000	0 m		
2658N7322E	-	26.58000	0 ft	76	-
LATLON	-	73.22000	0 m		
VIKIT	-	27.87080	0 ft	123	-
FIX	-	71.42440	0 m		
SERKA	-	29.85030	0 ft	296	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	66.25030	0 m		
3040N6455E	-	30.40000	0 ft	94	-
LATLON	-	64.55000	0 m		
3224N6201E	-	32.24000	0 ft	170	-
LATLON	-	62.01000	0 m		
SOKAM	-	33.22110	0 ft	91	-
FIX	-	60.63170	0 m		
3347N5918E	-	33.47000	0 ft	74	-
LATLON	-	59.18000	0 m		
3409N5822E	-	34.09000	0 ft	60	-
LATLON	-	58.22000	0 m		
TASLU	-	34.42530	0 ft	33	-
FIX	-	57.69190	0 m		
3452N5632E	-	34.52000	0 ft	68	-
LATLON	-	56.32000	0 m		
GIBAB	-	35.53690	0 ft	103	-
FIX	-	54.61560	0 m		
LABET	-	36.16390	0 ft	86	-
FIX	-	53.02420	0 m		
KOBUB	-	37.10580	0 ft	148	-
FIX	-	50.17530	0 m		
RALGO	-	37.47780	0 ft	59	-
FIX	-	49.02000	0 m		
RAKED	-	37.93920	0 ft	94	-
FIX	-	47.12000	0 m		
3807N4614E	-	38.07000	0 ft	47	-
LATLON	-	46.14000	0 m		
BORES	-	38.47470	0 ft	44	-
FIX	-	45.36030	0 m		
DASIS	-	38.90860	0 ft	59	-
FIX	-	44.20810	0 m		
ERZ	-	39.95880	0 ft	155	ERZURUM TACAN
DME	-	41.15310	0 m		
DAMAT	-	39.95610	0 ft	22	-
FIX	-	40.66470	0 m		
ARKIN	-	39.95140	0 ft	34	-
FIX	-	39.91670	0 m		
GURBU	-	40.16830	0 ft	279	-
FIX	-	33.83280	0 m		
SALGO	-	40.47390	0 ft	77	-
FIX	-	32.19940	0 m		
YAVRU	-	40.58220	0 ft	17	-
FIX	-	31.83280	0 m		
ERSEN	-	40.86560	0 ft	55	-
FIX	-	30.66610	0 m		
ELMUV	-	40.77080	0 ft	43	-
FIX	-	29.71110	0 m		
OVDUS	-	40.66460	0 ft	45	-
FIX	-	28.72890	0 m		
BA588	-	40.68830	0 ft	12	-
FIX	-	28.46710	0 m		
IMREN	-	40.76720	0 ft	6	-
FIX	-	28.37470	0 m		
ATCOS	-	40.88630	0 ft	13	-
FIX	-	28.63920	0 m		
FI05	-	40.92870	0 ft	4	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	28.73040	0 m		
LTBA	-	40.97610	0 ft	4	Istanbul Ataturk
APT	-	28.81420	0 m		

## WMKK

Region: MALAYSIA (PENINSULAR MALAYSIA)  
Timezone: ASIA/KUALA\_LUMPUR  
Runways: 3

Elevation: 68 ft / 21 m  
Location: 2.738340 101.702000  
Magnetic Var: 0.057 E

## METAR

WMKK 111930Z VRB02KT 9000 FEW017CB 27/24 Q1011 NOSIG

## TAF

TAF WMKK 111700Z 1118/1300 VRB03KT 9000 FEW028 TEMPO 1206/1210 19006KT 5000 TSRA FEW017CB

## Frequencies

APP - 118.65 MHz - LUMPUR RADAR	APP - 121.25 MHz - LUMPUR RADAR
APP - 124.20 MHz - LUMPUR RADAR	APP - 125.80 MHz - LUMPUR RADAR
APP - 119.45 MHz - LUMPUR RADAR	APP - 120.35 MHz - LUMPUR RADAR
APP - 124.65 MHz - LUMPUR RADAR	APP - 125.10 MHz - LUMPUR RADAR
APP - 135.75 MHz - LUMPUR RADAR	DEP - 135.25 MHz - LUMPUR DEPARTURE
TWR - 118.80 MHz - LUMPUR TOWER	TWR - 118.50 MHz - LUMPUR TOWER
TWR - 119.80 MHz - LUMPUR TOWER	GND - 121.65 MHz - LUMPUR GROUND
GND - 121.80 MHz - LUMPUR GROUND	GND - 122.52 MHz - LUMPUR GROUND
GND - 118.05 MHz - LUMPUR GROUND	GND - 122.15 MHz - LUMPUR GROUND
GND - 122.85 MHz - LUMPUR GROUND	GND - 122.27 MHz - LUMPUR GROUND
GND - 123.25 MHz - LUMPUR GROUND	GND - 121.72 MHz - LUMPUR GROUND
GND - 122.55 MHz - LUMPUR GROUND	GND - 130.75 MHz - LUMPUR GROUND
CLD - 126.00 MHz - LUMPUR DELIVERY	REC - 126.45 MHz - LUMPUR TERMINAL INFORMATION
REC - 128.05 MHz - LUMPUR TERMINAL INFORMATION	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	197 ft	13,034 ft	146.21	ASPHALT	0 ft	390 ft
	60 m	3,973 m	146.16		0 m	119 m
33	197 ft	13,034 ft	326.21	ASPHALT	0 ft	394 ft
	60 m	3,973 m	326.16		0 m	120 m
14L	197 ft	13,248 ft	146.20	ASPHALT	0 ft	384 ft
	60 m	4,038 m	146.14		0 m	117 m
32R	197 ft	13,248 ft	326.20	ASPHALT	0 ft	0 ft
	60 m	4,038 m	326.14		0 m	0 m
14R	197 ft	13,185 ft	146.21	ASPHALT	0 ft	0 ft
	60 m	4,019 m	146.16		0 m	0 m
32L	197 ft	13,185 ft	326.21	ASPHALT	0 ft	390 ft
	60 m	4,019 m	326.16		0 m	119 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	DME	IWK	110.10 MHz	18 nm	-	-	-1 ft
				33 km	-		-1 m
33	DME	IWM	111.50 MHz	18 nm	-	-	-1 ft
				33 km	-		-1 m
14L	DME	IEL	108.50 MHz	18 nm	-	-	59 ft
				33 km	-		59 m
14R	DME	IWR	110.70 MHz	18 nm	-	-	78 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	-		78 m
32L	DME	IWL	111.90 MHz	18 nm	-	-	81 ft
				33 km	-		81 m
32R	DME	IER	109.10 MHz	18 nm	-	-	70 ft
				33 km	-		70 m
14L	LOC-ILS	IEL	108.50 MHz	18 nm	146.20	-	68 ft
				33 km	146.14		68 m
14R	LOC-ILS	IWR	110.70 MHz	18 nm	146.21	-	68 ft
				33 km	146.15		68 m
15	LOC-ILS	IWK	110.10 MHz	18 nm	146.21	-	68 ft
				33 km	146.15		68 m
32L	LOC-ILS	IWL	111.90 MHz	18 nm	326.21	-	68 ft
				33 km	326.15		68 m
32R	LOC-ILS	IER	109.10 MHz	18 nm	326.20	-	68 ft
				33 km	326.14		68 m
33	LOC-ILS	IWM	111.50 MHz	18 nm	326.21	-	68 ft
				33 km	326.15		68 m
14L	GS	IEL	108.50 MHz	10 nm	146.20	3.00	68 ft
				19 km	146.14		68 m
14R	GS	IWR	110.70 MHz	10 nm	146.21	3.00	68 ft
				19 km	146.15		68 m
15	GS	IWK	110.10 MHz	10 nm	146.21	3.00	68 ft
				19 km	146.15		68 m
32L	GS	IWL	111.90 MHz	10 nm	326.21	3.00	68 ft
				19 km	326.15		68 m
32R	GS	IER	109.10 MHz	10 nm	326.20	3.00	68 ft
				19 km	326.14		68 m
33	GS	IWM	111.50 MHz	10 nm	326.21	3.00	68 ft
				19 km	326.15		68 m

## LTBA

Region: TURKEY  
Timezone: EUROPE/ISTANBUL  
Runways: 1

Elevation: 163 ft / 50 m  
Location: 40.976100 28.814200  
Magnetic Var: 6.075 E

## METAR

LTBA 111920Z 21005KT CAVOK 27/18 Q1009 RMK RWY23 20004KT

## TAF

TAF LTBA 111640Z 1118/1218 VRB02KT CAVOK TEMPO 1120/1123 24012KT BECMG 1207/1210 15012KT BECMG 1212/1215 06012KT

## Frequencies

REC - 130.25 MHz - D-ATIS ARRIVAL	REC - 128.20 MHz - D-ATIS DEPARTURE
TWR - 118.02 MHz - YESILKOY TOWER	TWR - 118.10 MHz - YESILKOY TOWER
TWR - 118.17 MHz - YESILKOY TOWER	TWR - 118.37 MHz - YESILKOY TOWER
TWR - 119.80 MHz - YESILKOY TOWER	TWR - 121.35 MHz - YESILKOY TOWER
TWR - 121.60 MHz - YESILKOY TOWER	TWR - 121.97 MHz - YESILKOY TOWER
TWR - 123.52 MHz - YESILKOY TOWER	TWR - 125.30 MHz - YESILKOY TOWER
TWR - 125.90 MHz - YESILKOY TOWER	TWR - 126.05 MHz - YESILKOY TOWER
TWR - 126.80 MHz - YESILKOY TOWER	APP - 118.95 MHz - YESILKOY APPROACH
APP - 119.35 MHz - YESILKOY APPROACH	APP - 119.47 MHz - YESILKOY APPROACH
APP - 120.12 MHz - YESILKOY APPROACH	APP - 120.45 MHz - YESILKOY APPROACH
APP - 120.50 MHz - YESILKOY APPROACH	APP - 120.70 MHz - YESILKOY APPROACH
APP - 121.10 MHz - YESILKOY APPROACH	APP - 121.25 MHz - YESILKOY APPROACH
APP - 122.47 MHz - YESILKOY APPROACH	APP - 122.57 MHz - YESILKOY APPROACH
APP - 122.67 MHz - YESILKOY APPROACH	APP - 124.45 MHz - YESILKOY APPROACH
APP - 126.42 MHz - YESILKOY APPROACH	APP - 127.10 MHz - YESILKOY APPROACH
APP - 127.82 MHz - YESILKOY APPROACH	APP - 128.72 MHz - YESILKOY APPROACH
APP - 130.30 MHz - YESILKOY APPROACH	APP - 131.12 MHz - YESILKOY APPROACH
APP - 132.05 MHz - YESILKOY APPROACH	APP - 132.32 MHz - YESILKOY APPROACH
APP - 132.47 MHz - YESILKOY APPROACH	APP - 132.77 MHz - YESILKOY APPROACH
APP - 132.95 MHz - YESILKOY APPROACH	APP - 133.07 MHz - YESILKOY APPROACH
APP - 133.22 MHz - YESILKOY APPROACH	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	197 ft 60 m	8,513 ft 2,595 m	58.45 52.37	ASPHALT	492 ft 150 m	207 ft 63 m
23	197 ft 60 m	8,513 ft 2,595 m	238.47 232.39	ASPHALT	0 ft 0 m	197 ft 60 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	DME	IIST	110.30 MHz	18 nm 33 km	- -	-	82 ft 82 m
23	DME	IATA	111.90 MHz	18 nm 33 km	- -	-	163 ft 163 m
05	LOC-ILS	IIST	110.30 MHz	18 nm 33 km	58.46 52.39	-	163 ft 163 m
23	LOC-ILS	IATA	111.90 MHz	18 nm 33 km	238.46 232.39	-	163 ft 163 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	GS	IIST	110.30 MHz	10 nm	58.46	3.00	163 ft
				19 km	52.39		163 m
23	GS	IATA	111.90 MHz	10 nm	238.46	3.20	163 ft
				19 km	232.39		163 m