

KBFI

Boeing Fld King Co Intl

9MMRASuperranger

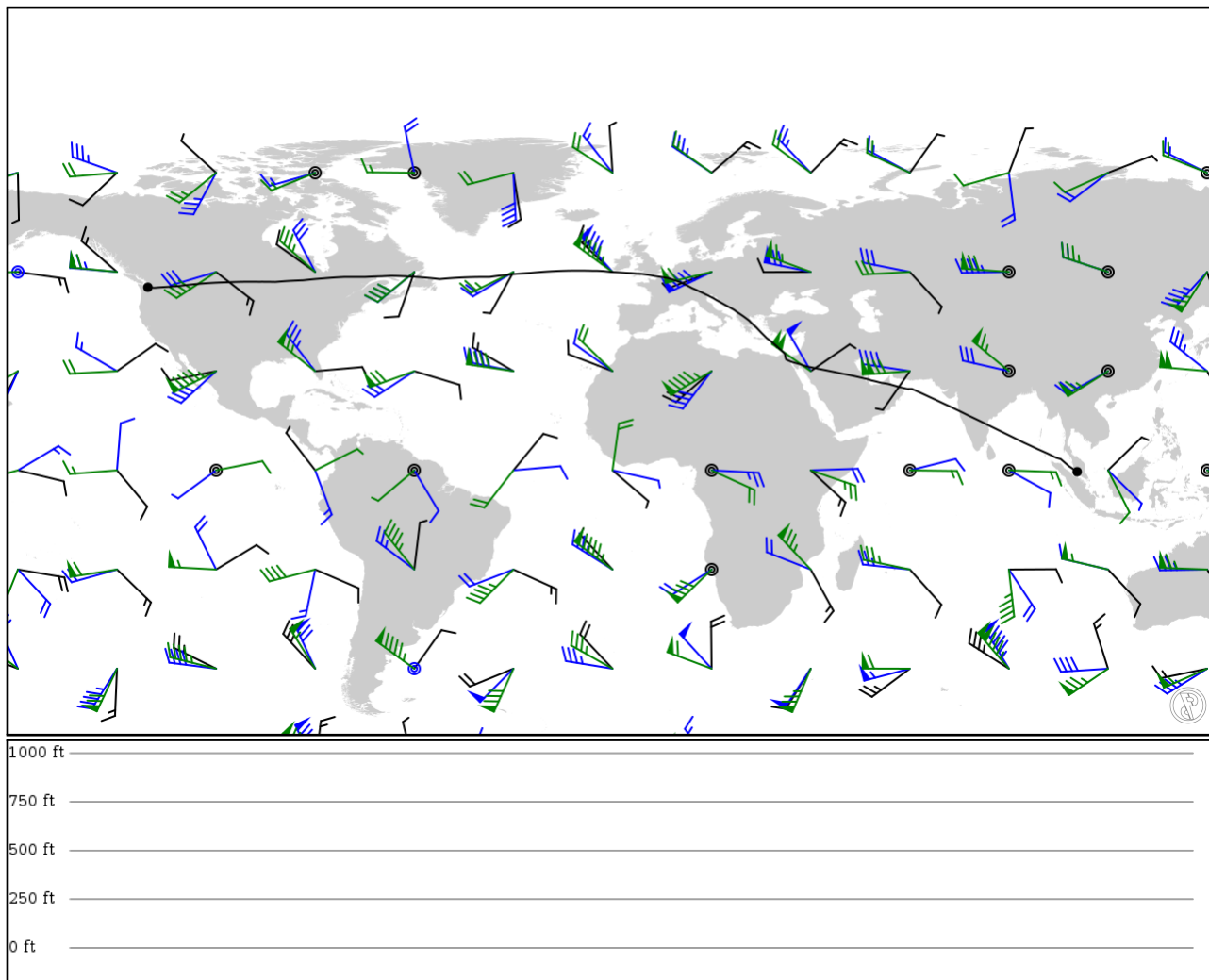
WMSA

Subang

2024/05/20 0326Z

KBFI FITGA ROSTB WAGOB HODIX FIKAB YOYNO JOXNI ROX CUTTL IB ANTUR GRAMP 5075N 5074N 5073N PETNO
5070N KEKNA YGV ELSIR 5000N04000W 5100N03000W ADARA LEKVA SUVAN UNLID BOGMI PAVLO SISRI THRED
DRAKE BIBAX AMAXA IPNOB S0411 POGOL STM27 ZH305 KLO ZH208 OLNAB ARDED SUXAN BAMOV PUL EBITA RODGO
BAMRO DESOL LASTI PETAK KAS VAXUS AGH TNG D089N MADEX MOKIS GUDIS KUMBI BLT BATUR CAI SISIK NWB
RAGMI SOBAS REVAB HILA1 SERPU MGA ITOLA DOH SIDMU XABAB NOSBI BUBEN BUNDU IVISA AL002 AL010 MUSAP
KUNRA BOTAM MIGMO VUSIN ATBED SETSI PARAR DOGET SUGID BEKUT ENTUG AGELA BOGAT DORAM VIRAM GURAS
VATMO IDASO BIKEN LAGOG IGOGU NILAM MEKAR VAMPI GUNIP WMSA

10973.81 nm / 20323.50 km



Notes

Requested: KBFI VPPMR FITGA ROSTB WAGOB HODIX FIKAB YOYNO JOXNI ROX CUTTL IB ANTUR GRAMP 5075N 5074N 5073N PETNO 5

Unmatched points: VPPMR BILA

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KBFI	-	47.53110	0 ft	-	Boeing Fld King Co Intl
APT	-	-122.30300	0 m	-	
FITGA	-	47.41360	0 ft	61	-
FIX	-	-120.79900	0 m	-	-
ROSTB	-	47.44890	0 ft	18	-
FIX	-	-120.34200	0 m	-	-
WAGOB	-	47.53660	0 ft	46	-
FIX	-	-119.20500	0 m	-	-
HODIX	-	47.62500	0 ft	61	-
FIX	-	-117.69900	0 m	-	-
FIKAB	-	47.81160	0 ft	110	-
FIX	-	-114.96700	0 m	-	-
YOYNO	-	48.36090	0 ft	200	-
FIX	-	-110.04800	0 m	-	-
JOXNI	-	48.73720	0 ft	273	-
FIX	-	-103.18700	0 m	-	-
ROX	-	48.85480	0 ft	296	ROSEAU
VOR	-	-95.69500	0 m	-	
CUTTLL	-	48.84850	0 ft	100	-
FIX	-	-93.13960	0 m	-	-
IB	-	48.82450	0 ft	61	ATIKOKAN
NDB	-	-91.57760	0 m	-	
ANTUR	-	49.20810	0 ft	263	-
FIX	-	-84.92080	0 m	-	-
GRAMP	-	49.66670	0 ft	194	-
FIX	-	-80.00000	0 m	-	-
5075N	-	50.00000	0 ft	194	-
FIX	-	-75.00000	0 m	-	-
5074N	-	50.00000	0 ft	38	-
FIX	-	-74.00000	0 m	-	-
5073N	-	50.00000	0 ft	38	-
FIX	-	-73.00000	0 m	-	-
PETNO	-	50.00000	0 ft	57	-
FIX	-	-71.50000	0 m	-	-
5070N	-	50.00000	0 ft	57	-
FIX	-	-70.00000	0 m	-	-
KEKNA	-	50.15870	0 ft	155	-
FIX	-	-65.95940	0 m	-	-
YGV	-	50.26470	0 ft	88	HAVRE ST-PIERRE
NDB	-	-63.66530	0 m	-	
ELSIR	-	49.50000	0 ft	453	-
FIX	-	-52.00000	0 m	-	-
5000N04000W	-	50.00000	0 ft	466	-
LATLON	-	-40.00000	0 m	-	-
5100N03000W	-	51.00000	0 ft	386	-
LATLON	-	-30.00000	0 m	-	-
ADARA	-	51.50000	0 ft	563	-
FIX	-	-15.00000	0 m	-	-
LEKVA	-	51.50000	0 ft	37	-
FIX	-	-14.00000	0 m	-	-
SUVAN	-	51.41670	0 ft	56	-
FIX	-	-12.50000	0 m	-	-
UNLID	-	51.20920	0 ft	67	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	-10.72470	0 m		
BOGMI	-	50.99810	0 ft	133	-
FIX	-	-7.20472	0 m		
PAVLO	-	50.93470	0 ft	49	-
FIX	-	-5.89556	0 m		
SISRI	-	50.76670	0 ft	81	-
FIX	-	-3.75106	0 m		
THRED	-	50.49860	0 ft	81	-
FIX	-	-1.66389	0 m		
DRAKE	-	50.20940	0 ft	63	-
FIX	-	-0.07611	0 m		
BIBAX	-	50.05750	0 ft	42	-
FIX	-	1.00806	0 m		
AMAXA	-	49.77450	0 ft	67	-
FIX	-	2.69744	0 m		
IPNOB	-	49.59560	0 ft	34	-
FIX	-	3.55139	0 m		
SO411	-	48.69860	0 ft	110	-
FIX	-	6.01628	0 m		
POGOL	-	48.39900	0 ft	32	-
FIX	-	6.69336	0 m		
STM27	-	48.23590	0 ft	18	-
FIX	-	7.09050	0 m		
ZH305	-	47.62550	0 ft	59	-
FIX	-	8.24181	0 m		
KLO	-	47.45710	0 ft	15	KLOTEN (ZURICH)
VOR	-	8.54558	0 m		
ZH208	-	47.32390	0 ft	12	-
FIX	-	8.78378	0 m		
OLNAV	-	47.13330	0 ft	21	-
FIX	-	9.23333	0 m		
ARDED	-	46.73530	0 ft	43	-
FIX	-	10.12780	0 m		
SUXAN	-	46.56220	0 ft	17	-
FIX	-	10.47920	0 m		
BAMOV	-	46.29810	0 ft	28	-
FIX	-	11.06140	0 m		
PUL	-	44.89240	0 ft	146	PULA
VOR	-	13.91810	0 m		
EBITA	-	44.38500	0 ft	47	-
FIX	-	14.76920	0 m		
RODGO	-	43.93960	0 ft	43	-
FIX	-	15.57410	0 m		
BAMRO	-	43.35330	0 ft	57	-
FIX	-	16.61330	0 m		
DESOL	-	42.23860	0 ft	111	-
FIX	-	18.63200	0 m		
LASTI	-	42.10040	0 ft	13	-
FIX	-	18.88510	0 m		
PETAK	-	41.77530	0 ft	27	-
FIX	-	19.31390	0 m		
KAS	-	40.45100	0 ft	119	KASTORIA
VOR	-	21.27530	0 m		
VAXUS	-	39.45610	0 ft	85	-
FIX	-	22.59330	0 m		
AGH	-	39.21620	0 ft	17	ANCHIALOS

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	-	22.79190	0 m		
TNG	-	38.32540	0 ft	69	TANAGRA
NDB	-	23.73320	0 m		
D089N	-	37.90870	0 ft	33	-
FIX	-	24.20910	0 m		
MADEX	-	36.65310	0 ft	94	-
FIX	-	25.39830	0 m		
MOKIS	-	35.28390	0 ft	105	-
FIX	-	26.77440	0 m		
GUDIS	-	34.53560	0 ft	66	-
FIX	-	27.76610	0 m		
KUMBI	-	33.71390	0 ft	69	-
FIX	-	28.75000	0 m		
BLT	-	31.52890	0 ft	177	BALTIM
VOR	-	31.12250	0 m		
BATUR	-	30.48830	0 ft	63	-
FIX	-	31.31580	0 m		
CAI	-	30.15200	0 ft	20	CAIRO
VOR	-	31.42390	0 m		
SISIK	-	29.60000	0 ft	73	-
FIX	-	32.68500	0 m		
NWB	-	29.03220	0 ft	109	NUWEIBAA
NDB	-	34.67110	0 m		
RAGMI	-	28.44150	0 ft	103	-
FIX	-	36.52750	0 m		
SOBAS	-	27.93330	0 ft	138	-
FIX	-	39.08140	0 m		
REVAB	-	27.57330	0 ft	101	-
FIX	-	40.95280	0 m		
HILA1	-	27.42510	0 ft	39	-
FIX	-	41.68280	0 m		
SERPU	-	26.76890	0 ft	171	-
FIX	-	44.80920	0 m		
MGA	-	26.28890	0 ft	132	MAGALA
VOR	-	47.20690	0 m		
ITOLA	-	25.37180	0 ft	222	-
FIX	-	51.20200	0 m		
DOH	-	25.24990	0 ft	23	DOHA/HAMAD INTL
VOR	-	51.60970	0 m		
SIDMU	-	25.19210	0 ft	8	-
FIX	-	51.75370	0 m		
XABAB	-	25.11160	0 ft	12	-
FIX	-	51.97330	0 m		
NOSBI	-	25.09360	0 ft	4	-
FIX	-	52.06280	0 m		
BUBEN	-	25.07550	0 ft	4	-
FIX	-	52.15220	0 m		
BUNDU	-	25.00670	0 ft	18	-
FIX	-	52.49000	0 m		
IVISA	-	24.55920	0 ft	100	-
FIX	-	54.27110	0 m		
AL002	-	24.35530	0 ft	68	-
FIX	-	55.51200	0 m		
AL010	-	24.32920	0 ft	11	-
FIX	-	55.72920	0 m		
MUSAP	-	24.29830	0 ft	8	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	55.87920	0 m		
KUNRA	-	24.12070	0 ft	40	-
FIX	-	56.59190	0 m		
BOTAM	-	24.04070	0 ft	16	-
FIX	-	56.88890	0 m		
MIGMO	-	23.46470	0 ft	115	-
FIX	-	58.89840	0 m		
VUSIN	-	22.99440	0 ft	115	-
FIX	-	60.91940	0 m		
ATBED	-	23.06440	0 ft	16	-
FIX	-	60.63110	0 m		
SETSI	-	23.07000	0 ft	61	-
FIX	-	61.73610	0 m		
PARAR	-	22.44170	0 ft	85	-
FIX	-	63.11670	0 m		
DOGET	-	21.11750	0 ft	179	-
FIX	-	66.00030	0 m		
SUGID	-	19.55080	0 ft	210	-
FIX	-	69.34970	0 m		
BEKUT	-	17.72250	0 ft	245	-
FIX	-	73.21810	0 m		
ENTUG	-	17.21030	0 ft	67	-
FIX	-	74.25890	0 m		
AGELA	-	16.60670	0 ft	78	-
FIX	-	75.46580	0 m		
BOGAT	-	16.35940	0 ft	34	-
FIX	-	75.99890	0 m		
DORAM	-	15.71780	0 ft	86	-
FIX	-	77.34890	0 m		
VIRAM	-	15.35940	0 ft	48	-
FIX	-	78.09860	0 m		
GURAS	-	14.00140	0 ft	178	-
FIX	-	80.83170	0 m		
VATMO	-	13.70000	0 ft	40	-
FIX	-	81.45000	0 m		
IDASO	-	12.65970	0 ft	138	-
FIX	-	83.55640	0 m		
BIKEN	-	10.20580	0 ft	327	-
FIX	-	88.53080	0 m		
LAGOG	-	8.59417	0 ft	227	-
FIX	-	91.99720	0 m		
IGOGU	-	7.51690	0 ft	157	-
FIX	-	94.41670	0 m		
NILAM	-	6.75640	0 ft	103	-
FIX	-	95.97640	0 m		
MEKAR	-	6.50390	0 ft	34	-
FIX	-	96.49110	0 m		
VAMPI	-	6.18222	0 ft	68	-
FIX	-	97.58560	0 m		
GUNIP	-	4.49810	0 ft	154	-
FIX	-	99.53060	0 m		
WMSA	-	3.13062	0 ft	146	Subang
APT	-	101.54900	0 m		

KBFI

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 2

Elevation: 21 ft / 6 m
Location: 47.531100 -122.303000
Magnetic Var: 14.785 E

METAR

KBFI 200253Z 30004KT 10SM SCT030 16/04 A3022 RMK A02 SLP234 T01560039 55001

TAF

TAF KBFI 192320Z 2000/2024 VRB05KT P6SM SCT030 FM200700 18004KT P6SM SCT050 FM201200 17003KT P6SM SCT030 BKN050 FM201800 18004KT P6SM SCT030

Frequencies

REC - 127.75 MHz - ATIS	COM - 122.95 MHz - BOEING UNICOM
GND - 121.90 MHz - BOEING GROUND	TWR - 118.30 MHz - BOEING TOWER
TWR - 120.60 MHz - BOEING TOWER	CLD - 132.40 MHz - BOEING CLEARANCE
DEP - 119.20 MHz - SEATTLE DEPARTURE	DEP - 120.10 MHz - SEATTLE DEPARTURE
DEP - 120.40 MHz - SEATTLE DEPARTURE	DEP - 125.90 MHz - SEATTLE DEPARTURE
DEP - 126.50 MHz - SEATTLE DEPARTURE	APP - 119.20 MHz - SEATTLE APPROACH
APP - 120.10 MHz - SEATTLE APPROACH	APP - 120.40 MHz - SEATTLE APPROACH
APP - 125.90 MHz - SEATTLE APPROACH	APP - 126.50 MHz - SEATTLE APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14L	100 ft	3,712 ft	150.28	ASPHALT	249 ft	0 ft
	30 m	1,131 m	135.50		76 m	0 m
32R	100 ft	3,712 ft	330.29	ASPHALT	377 ft	0 ft
	30 m	1,131 m	315.50		115 m	0 m
14R	200 ft	10,006 ft	150.28	ASPHALT	0 ft	915 ft
	61 m	3,050 m	135.49		0 m	279 m
32L	200 ft	10,006 ft	330.29	ASPHALT	889 ft	190 ft
	61 m	3,050 m	315.51		271 m	58 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
14R	DME	IBFI	110.90 MHz	18 nm	-	-	33 ft
				33 km	-		33 m
32L	DME	ICHJ	110.90 MHz	18 nm	-	-	18 ft
				33 km	-		18 m
14R	LOC-ILS	IBFI	110.90 MHz	18 nm	150.29	-	22 ft
				33 km	135.50		22 m
32L	LOC-ILS	ICHJ	110.90 MHz	18 nm	330.29	-	22 ft
				33 km	315.50		22 m
14R	GS	IBFI	110.90 MHz	10 nm	150.29	3.00	22 ft
				19 km	135.50		22 m
32L	GS	ICHJ	110.90 MHz	10 nm	330.29	3.10	22 ft
				19 km	315.50		22 m

WMSA

Region: MALAYSIA (PENINSULAR MALAYSIA)
Timezone: ASIA/KUALA_LUMPUR
Runways: 1

Elevation: 89 ft / 27 m
Location: 3.130620 101.549000
Magnetic Var: 0.034 E

METAR

WMSA 200300Z 14006KT 100V170 9999 -SHRA FEW017CB 31/26 Q1009

TAF

TAF WMSA 192300Z 2000/2100 VRB03KT 9000 FEW017CB PROB30 TEMPO 2002/2005 22008KT 5000 TSRA FEW010 FEW017CB

Frequencies

REC - 127.60 MHz - SUBANG INFO
GND - 121.90 MHz - SUBANG GND
TWR - 118.20 MHz - SUBANG TWR
APP - 124.20 MHz - LUMPUR DIRECTOR

CLD - 126.00 MHz - LUMPUR DELIVERY
TWR - 126.10 MHz - LUMPUR
APP - 125.10 MHz - LUMPUR DIRECTOR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
15	148 ft	12,454 ft	149.66	ASPHALT	0 ft	200 ft
	45 m	3,796 m	149.63		0 m	61 m
33	148 ft	12,454 ft	329.66	ASPHALT	0 ft	200 ft
	45 m	3,796 m	329.63		0 m	61 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	DME	ISB	110.30 MHz	18 nm	-	-	-1 ft
				33 km	-		-1 m
33	DME	IKL	109.90 MHz	18 nm	-	-	-1 ft
				33 km	-		-1 m
15	DME	ISB	110.30 MHz	18 nm	-	-	90 ft
				33 km	-		90 m
33	DME	IKL	109.90 MHz	18 nm	-	-	69 ft
				33 km	-		69 m
15	LOC-ILS	ISB	110.30 MHz	18 nm	149.21	-	80 ft
				33 km	149.17		80 m
33	LOC-ILS	IKL	109.90 MHz	18 nm	328.62	-	69 ft
				33 km	328.59		69 m
15	GS	ISB	110.30 MHz	10 nm	150.68	3.00	90 ft
				19 km	150.65		90 m
33	GS	IKL	109.90 MHz	10 nm	330.68	3.00	69 ft
				19 km	330.65		69 m