



# ARM

(Airport and Route Manual Information)

# PEKANBARU WIBB / PKU

*DOMESTIC*

## I. Airport Data

Name	ICAO	IATA	ARP	Magnetic Variation	Elevation	Local time (UTC +/-)
Sultan Syarif Kasim II Airport	WIBB	PKU	N 00 <sup>0</sup> 27.8' E101 <sup>0</sup> 26.8'	Var. 0 <sup>0</sup>	Elev.104 ft	UTC + 7

Runways designator	length	strength	VASIS	limitations
RWY 18 -36	7350 x 98 ft (2240 x 30 m)	Asphalt Concrete PCN 44 F/C/X/T	PAPI RWY 18 RWY 36	

## II. Communication & Navigation Aids facilities

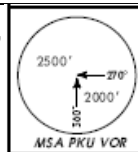
<b>APP</b> Pekanbaru Approach	120.8 MHz			ILS	IPKU	111.1 MHz
<b>TWR</b> Syarif Tower	118.1 MHz			VOR/DME	PKU	112.1 MHz
ATIS	126.2MHz			NDB	NW	350 KHz

## III. Airport location

- 6 NM south of Town.
- Civil operation.
- Operating hours : 2300-1400 z.

#### IV. Minimum Safe / Sector Altitude (MSA)

The highest MSA are 2500 ft (R180-090) Southwest-Northwest, and 2000 ft (R090-180) South-east based on “**PKU**” VOR and “**NW**” NDB.



#### V. Climate / Weather Condition

- Open

#### VI. Ground/ Taxi maneuvering

- Open

#### VII. Parking

- Open

#### VIII. Ground Handling & Agents

PT. GAPURA ANGKASA  
SITA ADDR S PKUKOXH  
Company channel: 131.95  
call sign : Gapura Operation  
Phone/fax: 62-61-4550500 ext 144/ 62-61-4550290  
HRS of SERVICE 22.00 – 14.00 z.

#### IX. Servicing

- Pertamina
- AES Facilities CAT VII

## X. Medical Facilities

- Hospitals in town

## XI. Accommodation

- Hotels in town

## XII. Immigration Procedures

- Custom at field.
- Immigration in town.

## XIII. Entry Procedures - Arrival Procedures

### STANDARD ARRIVAL ROUTES ( STAR)

- *No Star*

## XIV. Departure procedures and conditions from Pekanbaru

### STANDARD INSTRUMENT DEPARTURE

- *No SID*

## XV. Search and Rescue

- In general, Search and Rescue procedures are in conformity with the Standards, Recommended Practices and Procedures contain in ICAO.
- The following Emergency / distress frequencies are provided:
  - a. VHF – 121.5 MHz.
  - b. UHF – 243.0 MHz.
  - c. HF – 500 kHz, 2.182 kHz, 8.364 kHz.

## XVI. ATC Flight plans routes and distances

### **WIII – WIBB (CGK - PKU)**

#### **WIII - WAAA R 01**

WIII ... CKG1G ... CR ...CKG ...SIKAD ...DOLTA ...A585 ...DOMIL ...PLB  
...JATAM ...PKU WIBB. Distance 527 NM

#### **Enroute Mora CGK – PKU**

The highest MSA at CENGKARENG are 4,500 ft to South and 2,000 ft to the North based on CL, CR, GL, GR NDB, the Highest Grid Mora On this Route is 9.500 ft from point DOLTA to DOMIL and The highest MSA at Pekanbaru are 2.500 ft to the North-west, North-east and South-west, 2.000 ft to the South-east based on PKU VOR and NW NDB.

### **WIBB - WIII (PKU - CGK)**

#### **WIBB – WIII R02**

WIBB ... PKU ... A585...JATAM... PLB ...W12E ... BORAS ... BIDAQ ...BUNIK3  
...BUNIK ... DKI44 ... NOKTA ... WIII. Distance 527 NM.

#### **Enroute Mora PKU – CGK**

The highest MSA at Pekanbaru are 2.500 ft to the North-west, North-east and South-west, 2.000 ft to the South-east based on PKU VOR and NW NDB. The highest Grid Mora is 3.900 ft from point PLB VOR/DME (PALEMBANG) to PKU VOR/DME (PEKAN BARU), and The highest MSA at CENGKARENG are 4,500 ft to South and 2,000 ft to the North based on CL, CR, GL, GR NDB.

## XVII. ALTERNATE

Destination	Alternate	Loc.	Ind.	classic B737	B737 NG	TT	NM	Operation Hours
Pekanbaru WIBB / PKU	Padang	WIPT	PDG	+	+	223	115	0000 – 1400
	Batam	WIDD	BTH	+	+	076	165	0000 – 1500
	Medan	WIMM	MES	+	+	317	258	
	Kualalumpur	WMKK	KUL	+	+	006	137	
	Singapore	WSSS	SIN	+	+	070	205	
	Palembang	WIPP	PLM	+	+	135	282	2300 – 1400

**Note: refer to MISCELLANEOUS DOMESTIC 3.3.3 Destination Alternate List**

**+ :alternate airport adequate for indicated aircraft type**

**- : alternate airport NOT adequate for indicated aircraft type**

### **Padang**

#### **Alternate Flight plan route and distance**

WIBB – WIPT (PKU - PDG) R 01

WIBB ... PKU ... W22 ... CBDRY ... TMABY ... PKU1 ... MKB ...NMBIN ...WIPT.

Distance 140 NM.

#### **Enroute Mora PKU – PDG**

The highest MSA at Pekanbaru are 2.500 ft to the North-west, North-east and South-west, 2.000 ft to the South-east based on PKU VOR and NW NDB the highest Grid Mora On this Route is 14.600 ft from point PKU VOR/DME (PEKANBARU) to MKB VOR/DME (MINANGKABAU) and the highest MSA are 8,800 ft to Southeast, 2800 ft to the West, 5300 ft to the North west, 11500 ft to the North east, 7600 ft to the East and 10300 ft course 280° until 300° based on MKB VOR/DME.

### **Batam**

#### ***Alternate Flight plan route and distance***

WIBB – WIDD ( PKU – BTH ) R01

WIBB ... R469 ... TAROS ... BTM ... WIDD. Distance 168 NM.

#### ***Enroute Mora PKU – BTH***

The highest MSA at Pekanbaru are 2.500 ft to the North-west, North-east and South-west, 2.000 ft to the South-east based on PKU VOR and NW NDB, the highest Grid Mora on the Route is 9.800 ft from point PKU VOR/DME (PEKANBARU) to TAROS and The highest MSA at Batam are 2000 ft to South West, 1800 ft to North West, and 2200 ft to East based on BTM VOR/DME.

### **Medan**

#### ***Alternate Flight plan route and distance***

WIBB – WIMM ( PKU – MES ) R 01

WIBB ... PKU ... W12 ... MEDIA ... MEDI1C ...D140Y ...ON ...WIMM. Distance 254 NM.

#### ***Enroute Mora PKU – MES***

The highest MSA at Pekanbaru are 2.500 ft to the North-west, North-east and South-west, 2.000 ft to the South-east based on PKU VOR and NW NDB, the highest Grid Mora on the Route is 10.300 ft from point MEDIA to MDN VOR/DME (MEDAN) and The highest MSA at Medan are 9500 ft to the Southwest, 1500 ft to the North and 7500 ft to the Southeast based on MDN VOR/DME or ON NDB.

### ***Kualalumpur***

#### ***Alternate Flight plan route and distance***

WIBB – WMKK ( PKU – KUL ) A 01

WIBB ... PKU ... N633 ... SALAX ... RUMID ...SASRI2 ...SASRI ...GOMAS  
...CF32L ...WMKK. Distance 152 NM.

#### ***Enroute Mora PKU – KUL***

The highest MSA at Pekanbaru are 2.500 ft to the North-west, North-east and South-west, 2.000 ft to the South-east based on PKU VOR and NW NDB, the highest Grid Mora on the Route is 9.800 ft from point PKU VOR/DME (PEKANBARU) to RUMID and The Highest MSA at Kualalumpur are 5.300 ft from North-west to South-west and 2.200 ft from South-west to North-west based VKL VOR.

### ***Singapore***

#### ***Alternate Flight plan route and distance***

WIBB – WSSS ( PKU – SIN ) A 01

WIBB ... PKU ... R469 ... TAROS ... ASUNA ...BOBA1B ...BOBAG ...BOKIP  
...SAMKO ... BTM ... DOVAN ... BIPOP ... WSSS. Distance 208 NM.

#### ***Enroute Mora PKU – SIN***

The highest MSA at Pekanbaru are 2.500 ft to the North-west, North-east and South-west, 2.000 ft to the South-east based on PKU VOR and NW NDB, the highest Grid Mora on the Route is 9.800 ft from point PKU VOR/DME (PEKANBARU) to TAROS and The highest MSA at Singapore are 3.400 ft to Northwest, 2.100 ft to Southwest and 1.900 ft to East based on VTK VOR and 3.400 ft to Northwest, 2.500 to South west and 2.100 ft to East based on SJ VOR.



### ***Palembang***

#### ***Alternate Flight plan route and distance***

WIBB – WIPP ( PKU – PLM ) A 01

WIBB ... PKU ... W12 ... AD ... KUALA ...JMB ...PLB ... WIPP. Distance 282 NM.

#### ***Enroute Mora PKU – PLM***

The highest MSA at Pekanbaru are 2.500 ft to the North-west, North-east and South-west, 2.000 ft to the South-east based on PKU VOR and NW NDB, the highest Grid Mora on the Route is 3.900 ft from point AD NDB to JMB VOR/DME (JAMBI) and The highest MSA at Palembang is 1500 ft based on PLB VOR/DME.

### **XVIII. Remarks**

- Open

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