



ARMI

(Airport and Route Manual Information)

SOLO WAHQ / SOC

DOMESTIC

I. Airport Data

Name	ICAO	IATA	ARP	Magnetic Variation	Airport Elevation (Feet)	Local time (UTC +/-)
Adi Soemarmo Airport	WAHQ	SOC	S07°30.8 E110°45.0'	1° E	418	+ 7

Runways designator	length	strength	VASIS	RWY Elev
RWY 08 – 26	8530 x 148 ft (2600 x 45 m)	ASPHALT CONCRETE PCN 68 F/C/X/T	PAPI RWY 08 RWY 26	RWY 08 : 418 ft RWY 26 : 380 ft

II. Communication & Navigation Aids facilities

APP Semarang Approach	120.3
TWR Marmo Tower	122.7 118.1
Jogyakarta Director	123.4 120.2
ATIS	127.2

VOR/DME	SLO	116.3
NDB	SO	255
ILS RWY 26	ISLO	111.5

III. Airport location

- 5 NM Northwest from city
- For Military / Civil operation
- Operating hours : 23.00-12.00Z

IV. Minimum Safe / Sector Altitude (MSA)

The highest MSA are 3000 ft (R300-060),
 12700 ft (R060-140), 4800 ft (R140-240),
 12500 ft (R240-300), based on “**SLO**” VOR.


V. Climate / Weather Condition

Solo weather is also predominantly tropical in nature. The dry season prevails from the month of May to October. Along the coastal region, the temperature tends to be on the hotter side. But on higher altitudes, the temperatures get more moderate. The city of Solo can experience precipitation at any time during the year. But the monsoons set in during the months of November to April. Solo experiences an average humidity of 70-90 percent throughout the year. As the rainfall keeps marginally lower during June to September, But environmental extremes like thunderstorms, typhoons or cyclones are quite common in Solo.

VI. Ground/ Taxi maneuvering

- Open

VII. Parking

- Open

VIII. Ground Handling & Agents

PT. GAPURA ANGKASA
SITA ADDR S SOCKOX
Company channel: 131.95
call sign: GAPURA SOLO
Phone/fax: 62-271-782195/ 62-271-782195.
HRS of SERVICE 2300-1200 Z (HAJJ), H24

IX. Servicing

- PERTAMINA
- AES Facilities CAT.VIII

X. Medical Facilities

- AURI Clinic.
- Ambulance.
- Hospital in town

XI. Accommodation

- Hotels In Town

XII. Custom, Immigration, Quarantine Procedures

- Available

XIII. Entry Procedures - Arrival Procedures

STANDARD ARRIVAL ROUTES (STAR)	
PURWO Arrival	Incoming traffic from PURWO proceed to SO (SO 181 ⁰ bearing) or as instructed by ATC.
YOGYA Arrival	Incoming traffic from JOG proceed to OF (OF 082 ⁰ bearing) then to SO (SO 049 ⁰ bearing) or as instructed by ATC.

XIV. Departure procedures and conditions from SOLO

STANDARD INSTRUMENT DEPARTURE RWY 08	
PURWO ONE	After take-off, passing 2000' turn LEFT to join the SO 001 ⁰ bearing and proceed to PURWO.
JOGYA ONE	After take-off, passing 2000' turn RIGHT to join the SO 229 ⁰ bearing, then proceed to OF (OF 049 ⁰ bearing) and JOG (JOG R-082).

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:
 - VHF – 121.5 MHz.
 - UHF – 243.0 MHz.
 - HF – 500 kHz, 2.182 kHz, 8.364 kHz.

XVI. ATC Flight plans routes and distances

WIII – WARQ (CGK - SOC)

WIII - WARQ R 01

WIII ... HLM2G ... GL ...HLM...KASAL ...W 45...CA...PIALA...ANY...W17N ...PURWO ... SO ...SLO ...SLO098 ...SLO078 ... SLO ...WARQ. Distance 318 NM

Enroute Mora CKG – SOC

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 13.600 ft from point KASAL to ANY (ACHMAD YANI) and The highest MSA at Solo are 11400 ft to west, 2600 ft to north-east, 11700 ft to south-east.

WAHQ - WIII (SOC - CGK)

WAHQ – WIII R01

WAHQ ... SO ... W17N ...PURWO ...ANY ...KIDET ... M766 ... IMU ...IMU2

...ESALA ...WIII. Distance 285 NM.

Enroute Mora SOC – CGK

The highest MSA at Solo are 11400 ft to west, 2600 ft to north-east, 11700 ft to south-east. The highest Grid Mora is 13.400 ft from point SO to ANY VOR/DME (Achmad Yani), 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.	B737 classic	B737 NG	TT	NM	Ground Handling
Solo WAHQ / SOC	Yogyakarta	WAAH	JOG	+	+	230	025	-
	Semarang	WAHS	SRG	+	+	324	040	PT. Gapura
	Surabaya	WARR	SUB	+	+	086	177	PT. Gapura
	Jakarta	WIII	CGK	+	+	288	285	PT. Gapura
	Denpasar	WADD	DPS	+	+	105	339	PT. Gapura

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

Yogyakarta

Alternate Flight plan route and distance

WAHQ – WAAH (SOC - JOG) A 01

WAHQ ... SO ... W17N ... JOG ... WAAH. Distance 39 NM.

Enroute Mora SOC – JOG

The highest MSA at Solo are 11400 ft to west, 2600 ft to north-east, 11700 ft to south-east and The highest MSA at Yogyakarta are 4,500 ft to Southwest, 13.200 ft to North, 3900 ft to Southeast based on JOG VOR/DME or OF NDB.

Semarang

Alternate Flight plan route and distance

WAHQ – WAHS (SOC – SRG) A 01

WAHQ ... SO ... W17N ... PURWO ... PURW2A ...ANY ...KENDA ...WAHS.

Distance 72 NM.

Enroute Mora SOC – SRG

The highest MSA at Solo are 11400 ft to west, 2600 ft to north-east, 11700 ft to south-east and the highest MSA at SEMARANG are 12.300 ft to South and Southwest, 3.300 ft to East, 1500ft to North, 3.000 ft between Radial 275 to Radial 295 and 10.5000 ft between Radial 244 to Radial 275 based ANY VOR/DME.

Surabaya

Alternate Flight plan route and distance

WAHQ – WARR (SOC - SUB) A 01

WAHQ ... SO ... W17N ... PURWO ... BA ... BLOR2A ... SBR ... SABIT ...

WARR. Distance 177 NM.

Enroute Mora SOC – SUB

The highest MSA at Solo are 11400 ft to west, 2600 ft to north-east, 11700 ft to south-east, the highest Grid Mora On this Route is 13.500 ft from point PURWO to SBR VOR/DME (SURABAYA) and The MSA at SURABAYA are 12500 ft to South West, 5000 ft to South East and 2000 ft to North based on SBY VOR/DME or WR NDB

Denpasar

Alternate Flight plan route and distance

WAHQ – WADD (SOC - DPS) R 01

WAHQ ... SO ... W17N ... PURWO ... BA ... W45 ... SBR ... W33 ...RABOL
...RABO2A ... BL58B ... TALOT ... KUTA ... WADD. Distance 316 NM.

Enroute Mora SOC – JOG

The highest MSA at Solo are 11400 ft to west, 2600 ft to north-east, 11700 ft to south-east, the highest Grid Mora On this Route is 13.500 ft from point BA to SBR VOR/DME (SURABAYA) and The MSA at DENPASAR (BALI) is 9700 ft to North, 3000 ft to South East and 2000 ft to South West based on BLI VOR/DME or OR NDB.

XVIII. Remarks

- All Aircraft must use SOUTH Pattern.
- CAUTION : Public road position 70 M from beginning RWY 08
- Flock of swallow birds after and before rain.
- Dep acft Rwy 08/26 taxi out from North Apron via Twy 'A' and then proceed to RWY 08.
- Arrival aircraft from RWY 08/26 taxi in to North Apron via Twy 'B'

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