

**WAHQ AD 2.1 AERODROME LOCATION INDICATOR AND NAME****WAHQ – SOLO / Adi Soemarmo****WAHQ AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

|  |  |
|--|--|
| ARP coordinates and site at AD .....                                 | 073049S 1104502E   |
| Direction and distance from (city) .....                             | 125° and 8 km from Surakarta   |
| Elevation/Reference temperature and Mean low temperature.....        | 418ft / 28°C   |
| Geod undulation at AD ELEV PSN.....                                  | NIL  |
| MAG VAR/Annual change.....   | 1°(2015) / 0.05° Decreasing  |
| AD Operator, address, telephone, telefax, e-mail, AFS & website..... | PT. Angkasa Pura I (Persero) ←<br>Adi Soemarmo Airport Surakarta 57108<br>Tromol Pos No.800<br>Tel : (+62271) 780400, 780715<br>Telefax : (+62271) 784123<br>E-mail : soc@ap1.co.id<br>AFS : NIL<br>Website :<br><a href="https://adisumarmo-airport.com/id">https://adisumarmo-airport.com/id</a> ←<br>IFR / VFR<br>NIL |
| Type of traffic permitted (IFR/VFR).....                             |  |
| Remarks.....   |  |

**WAHQ AD 2.3 OPERATIONAL HOURS**

|                                 |  |
|---------------------------------|--|
| Aerodrome operator .....        | 2300 - 1700  |
| Customs and Immigration .....   | 2300 - 1700  |
| Health and Sanitation.....      | 2300 - 1700  |
| AIS Briefing Office.....        | NIL  |
| ATS Reporting Office (ARO)..... | 2300 - 1700  |
| MET Briefing Office.....        | 2300 - 1700  |
| ATS .....                       | 2300 - 1700  |
| Fuelling.....                   | 2300 - 1700  |
| Handling.....                   | 2300 - 1700  |
| Security .....                  | H24  |
| De-Icing.....                   | Not Applicable   |
| Remarks.....                    | - Outside operating hours service on request<br>- Local Time : UTC + 7 HR<br>- AIS available at AIS Surabaya Regional Office H24 |

**WAHQ AD 2.4 HANDLING SERVICE AND FACILITIES**

|   |  |
|---|--|
| Cargo Handling Facilities .....               | Push back or aircraft towing bar step motorized others   |
| Fuel / Oil Type.....                          | Jet A1   |
| Fuelling Facilities / Capacity .....          | 4 Units Refueller Tank @ 25 KL<br>1 Unit Refueller 12 KL<br>1 Unit Refueller 7 KL<br>4 Units Receiver Tank @100 KL |
| De-Icing Facilities.....                      | Not Applicable   |
| Hangar Space for Visiting Aircraft.....       | NIL  |
| Repair Facilities for Visiting Aircraft ..... | NIL  |
| Remarks.....                                  | NIL  |

**WAHQ AD 2.5 PASSENGER FACILITIES**

|                           |  |
|---------------------------|--|
| Hotels.....               | In the city  |
| Restaurants .....         | At AD  |
| Transportation .....      | Taxi, Bus Shelter Transport, Public Transportation |
| Medical Facilities .....  | First Aid or hospital near the Airport             |
| Bank and Post Office..... | At AD  |
| Tourist Office .....      | Post Office Near the AD                            |
| Remarks .....             | At AD  |
|                           | NIL  |

**WAHQ AD 2.6 RESCUE AND FIRE FIGHTING**

|   |  |
|---|--|
| AD Category for Fire Fighting .....               | Category 8   |
| Rescue Equipment.....                             | 1 Unit Foam Tender Type I  |
|   | 1 Unit Foam Tender Type II   |
|   | 2 Units Foam Tender Type IV  |
|   | 1 Unit Command Car   |
|   | 3 Units Ambulance  |
|   | 1 Unit Utility Car   |
|   | NIL  |
| Capability For Removal of Disabled Aircraft ..... | - Removal of disable aircraft available at Juanda Surabaya Airport |
| Remarks .....                                     | Tel: (+6231)2986417/418/419  |
|   | - Water Tank Capacity 72,800L                                      |

**WAHQ AD 2.7 SEASONAL AVAILABILITY CLEARING**

|                                 |                |
|---------------------------------|----------------|
| Type Of Clearing Equipment..... | Not Applicable |
| Clearance Priorities .....      | Not Applicable |
| Remarks .....                   | Not Applicable |

**WAHQ AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATION DATA****APRON SURFACE AND STRENGTH**

|             |                                      |
|-------------|--------------------------------------|
| Designation | = South Apron                        |
| Surface     | = Asphalt                            |
| Strength    | = PCN 31/F/C/X/T                     |
| Designation | = North Apron (Aircraft stand 1-10A) |
| Surface     | = Concrete                           |
| Strength    | = PCN 71/R/C/X/T                     |
| Designation | = North Apron (Aircraft stand 11-15) |
| Surface     | = Concrete                           |
| Strength    | = PCN 86/R/B/X/T                     |
| Designation | = Military Apron                     |
| Surface     | = Asphalt                            |
| Strength    | = PCN 26/F/C/X/T                     |



## TAXIWAY WIDTH, SURFACE, AND STRENGTH

Designation = Taxiway A  
 Width = 23 m  
 Surface = Asphalt  
 Strength = PCN 68/F/C/X/T

Designation = Taxiway B  
 Width = 23 m  
 Surface = Asphalt  
 Strength = PCN 68/F/C/X/T

Designation = Taxiway C  
 Width = 23 m  
 Surface = Asphalt  
 Strength = PCN 31/F/C/X/T

Altimeter Checkpoint Location and Elevation..  
 VOR Checkpoints .....

NIL  
 VOR/DME "SLO" 073027.78S 1104739.86E  
 2977 m FM THR RWY 26

INS Checkpoints .....

See Aircraft Parking/Docking Chart

Remarks .....

Dimension of Apron :

- South Apron : 137m x 83m
- North Apron (Aircraft Stand 1 - 10) : 420m x 135m
- North Apron (Aircraft Stand 11 - 15) : 227.68m x 137.7m
- Military Apron : 102.5m x 90m (for light aircraft)

**WAHQ AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKING**

Use Of Aircraft Stand ID Signs, TWY Guide lines And Visual Docking/Parking Guidance System of Aircraft Stands .....

- Taxiway Guideline : Available
- Aircraft Stands : Available
- Marking
- RWY : Designation, THR, Side Stripe, Touchdown zone, Aiming Point
- TWY : Centre Line, Side Stripe
- Light
- RWY : Approach Rwy 26, THR, Edge, End
- TWY : Edge.

RWY and TWY Markings and LGT .....

Stop bars available

Stop bars and runway guard lights .....

NIL

Other runway protection measures.....

NIL

Remarks .....

**WAHQ AD 2.10 AERODROME OBSTACLE**

In Area 2

| OBST ID/<br>Designation | OBST<br>type | OBST position           | ELEV/HGT | Markings/Type,<br>colour | Remarks |
|-------------------------|--------------|-------------------------|----------|--------------------------|---------|
| a                       | b            | c                       | d        | e                        | f       |
| NIL                     | House        | 073045.7S<br>1104609.4E | NIL      | NIL                      | NIL     |

|     |        |                         |     |     |     |
|-----|--------|-------------------------|-----|-----|-----|
| NIL | House  | 073045.6S<br>1104610.3E | NIL | NIL | NIL |
| NIL | House  | 073045.4S<br>1104611.1E | NIL | NIL | NIL |
| NIL | House  | 073045.3S<br>1104612.0E | NIL | NIL | NIL |
| NIL | House  | 073045.1S<br>1104613.1E | NIL | NIL | NIL |
| NIL | Masque | 073044.2S<br>1104616.2E | NIL | NIL | NIL |
| NIL | Mosque | 073052.8S<br>1104611.5E | NIL | NIL | NIL |
| NIL | Tree   | 073045.0S<br>1104609.0E | NIL | NIL | NIL |
| NIL | Tree   | 073043.8S<br>1104608.8E | NIL | NIL | NIL |
| NIL | Tree   | 073043.8S<br>1104622.5E | NIL | NIL | NIL |
| NIL | Tree   | 073045.0S<br>1104624.7E | NIL | NIL | NIL |
| NIL | Tree   | 073051.9S<br>1104610.2E | NIL | NIL | NIL |

## In Area 3 ←

| OBST ID/<br>Designation | OBST<br>Type | OBST<br>Position | ELEV/HGT | Markings/Type,<br>Colour | Remarks |
|-------------------------|--------------|------------------|----------|--------------------------|---------|
| A                       | b            | c                | d        | e                        | f       |
| NIL                     | NIL          | NIL              | NIL      | NIL                      | NIL     |

**WAHQ AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

|   |                     |
|---|---------------------|
| Associated MET Office .....   | Base Ops Met Office |
| Hours of service.....   | 2300 – 1700 ←       |
| MET Office outside hours.....   | NIL                 |
| Office responsible for TAF preparation.....                                 | NIL                 |
| Periods of validity.....  | 2300 – 1200         |
| Trend forecast & Interval Of Issuance .....                                 | QAM, METAR          |
| Briefing/consultation provided .....  | On Request          |
| Flight documentation-Language(s)used .....                                  | Chart - English     |
| Charts and other information available for<br>briefing or consultation..... | NIL                 |
| Supplementary equipment available for<br>providing information.....         | SPECI               |
| ATS units provided with information .....                                   | TWR                 |
| Additional information (limitation of service,<br>etc.) .....               | NIL                 |

**WAHQ AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

| Designations<br>RWY NR | True BRG | Dimensions of<br>RWY (M) | Strength (PCN)<br>and surface of<br>RWY and SWY | THR<br>coordinates<br>RWY end<br>coordinates<br>THR geoid<br>undulation    |
|------------------------|----------|--------------------------|---|--|
| 1                      | 2        | 3                        | 4   | 5  |
| 08                     | 077.45°  | 2600 x 45                | 68/F/C/X/T<br>Asphalt                           | 073106.40S<br>1104447.30E<br>(coordinate<br>displaced THR<br>RWY 08 100 m) |
| 26                     | 257.45°  | 2600 x 45                | 68/F/C/X/T<br>Asphalt                           | 073048.70S<br>1104607.00E  |

| THR elevation<br>and highest<br>elevation of TDZ<br>of precision APP<br>RWY | Slope of RWY-<br>SWY | SWY<br>dimensions (M) | CWY<br>dimensions (M) | Strip dimensions<br>(M)                                    |
|---|----------------------|-----------------------|-----------------------|--|
| 6   | 7                    | 8                     | 9                     | 10   |
| 418 ft  | 0.003%               | NIL ←                 | 210 x 300             | 2725 x 300   |
| 380 ft  | 0.365%               | NIL                   | 65 x 280              | Rwy Strip width<br>reduced to 280m<br>before THR<br>RWY 08 |

| RESA<br>Dimensions<br>(M) | Location and<br>description of<br>arresting system | OFZ | Remarks                                       |
|---------------------------|--|-----|---|
| 11                        | 12   | 13  | 14  |
| 150 x 90                  | NIL  | NIL | TKOF PSN RWY 08<br>AVBL before THR<br>Marking |
| NIL                       | NIL  | NIL |   |

**WAHQ AD 2.13 DECLARED DISTANCES**

| RWY Designator | TORA (M) | TODA (M) | ASDA (M) | LDA (M) | Remarks |
|----------------|----------|----------|----------|---------|---------|
| 1              | 2        | 3        | 4        | 5       | 6       |
| 08             | 2600     | 2810     | 2600 ←   | 2500    | NIL     |
| 26             | 2600     | 2665     | 2600     | 2600    | NIL     |

**WAHQ AD 2.14 APPROACH AND RUNWAY LIGHTING**

| RWY Designator | APCH LGT type<br>LEN INTST | THR LGT<br>colour WBAR | VASIS (MEHT)<br>PAPI | TDZ, LGT<br>LEN |
|----------------|----------------------------|------------------------|----------------------|-----------------|
| 1              | 2                          | 3                      | 4                    | 5               |
| 08             | NIL                        | Green                  | PAPI                 | NIL             |
| 26             | PALS ←                     | Green                  | PAPI                 | NIL             |

| RWY Centre Line<br>LGT LEN, spacing,<br>colour, INTST | RWY Edge LGT<br>LEN, spacing<br>colour INTST | RWY End LGT<br>colour WBAR | SWY LGT LEN<br>(M) Colour | Remarks |
|---|--|----------------------------|---------------------------|---------|
| 6   | 7  | 8                          | 9                         | 10      |
| NIL   | 60m, White                                   | Red                        | NIL                       | NIL     |
| NIL   | 60m, White                                   | Red                        | NIL                       | NIL     |

**WAHQ AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

|   |                                     |
|---|-------------------------------------|
| ABN/IBN location, characteristics and hours of operation..... | Rotating Beacon West Of TWR         |
| LDI location and LGT Anemometer location and LGT.....         | In Front of The TWR Light Available |
| TWY edge and centre line lighting .....                       | TWY Edge Light Available            |
| Secondary power supply/switch-over time.....                  | 1250 kVA/12 Sec and 650 kVA/9 Sec ← |
| Remarks .....   | NIL                                 |

**WAHQ AD 2.16 HELICOPTER LANDING AREA**

|  |  |
|--|--|
| Coordinates TLOF or THR of FATO Geoid undulation .....         | THR FATO RWY 26 :<br>073048.7S 1104600.0E<br>THR FATO RWY 08 :<br>073106.4S 1104447.3E<br>TLOF PS 10 A :<br>073049.05S 1104505.29E<br>FATO RWY 26 : 380 FT<br>FATP RWY 08 : 418 FT<br>TLOF PS 10 A : NIL |
| TLOF and/or FATO elevation M/FT .....                          | FATO RWY 26 DAN 08 :<br>PCN 68/F/C/X/T ASPHALT<br>2600X45<br>TLOF PS 10 A :<br>PCN 71/F/C/X/T RIGID PAVEMENT<br>DIAMETER 18M   |
| TLOF and FATO area dimensions, surface, strength, marking..... | FATO RWY 26 : 257°   |
| True BRG of FATO .....   |  |

|                                   |                    |
|-----------------------------------|--------------------|
| Declared Distance Available ..... | FATO RWY 08 : 077° |
| APP and FATO Lighting.....        | NIL                |
| Remarks.....                      | NIL                |

**WAHQ AD 2.17 ATS AIRSPACE**

|                                      |  |
|--------------------------------------|--|
| Designation and Lateral Limits ..... | Adi Soemarmo ATZ :<br>A Circle with a radius of 5 NM centred on "SO" |
| Vertical Limits.....                 | NDB<br>GND/Water Up to 2500 ft                                       |
| Airspace Classification.....         | B  |
| ATS Unit Call sign .....             | Marmo Tower  |
| Language(s) .....                    | English  |
| Transition altitude.....             | 11000 ft / FL130   |
| Hours of applicability.....          | NIL  |
| Remarks.....                         | NIL  |

**WAHQ AD 2.18 ATS COMMUNICATION FACILITIES**

| Service Designation | Call Sign           | Channel(s)              | SATVOICE number (s) |
|---------------------|---------------------|-------------------------|---------------------|
| 1                   | 2                   | 3                       | 4                   |
| TWR                 | Marmo Tower         | 122.7 MHz<br>118.1 MHz* | NIL                 |
| APP                 | Marmo Tower         | 122.7 MHz<br>118.1 MHz* | NIL                 |
| NIL                 | Yogyakarta Director | 123.4 MHz<br>120.2 MHz* | NIL                 |
| ATIS                | NIL                 | 127.2 MHz               | NIL                 |



| Logon Address | Hours of Operation         | Remarks                                      |
|---------------|----------------------------|--|
| 5             | 6                          | 7  |
| NIL           | 2300 - 1700<br>2300 - 1700 | TWR Coordinate : 073110.08S 1104506.87E      |
| NIL           | 2300 - 1700<br>2300 - 1700 | APP Solo : Vertical Limit : 2500ft to 6000ft |
| NIL           | 2300 - 1700<br>2300 - 1700 | APP Yogyakarta : Upper 6000ft<br>*Secondary  |
| NIL           | NIL                        | NIL  |



**WAHQ AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

| Type of aids,<br>Magnetic variation,<br>and Type of<br>supported operation<br>for ILS/MLS, Basic<br>GNSS, SBAS, and<br>GBAS, and for<br>VOR/ILS/MLS also<br>Station declination<br>used for technical<br>line-up of the aid | ID   | Frequency(ies),<br>channel number(s),<br>Service provider and<br>Reference Path<br>identifier(s) (RPI) | Hours of operation |
|---|------|--|--------------------|
| 1   | 2    | 3  | 4                  |
| VOR/DME   | SLO  | 116.3 MHz/ CH-110x   | 2300 - 1700        |
| NDB   | SO   | 255kHz   | H24                |
| ILS/LLZ   | ISLO | 111.5 MHz  | 2300 - 1700        |
| GP  |      | 332.9 MHz  | 2300 - 1700        |
| OM  |      | 75 MHz   | 2300 - 1700        |
| MM  |      | 75 MHz   | 2300 - 1700        |

| Geographical<br>coordinates of the<br>position of the<br>transmitting antenna | Elevation of the<br>transmitting antenna<br>of DME, of DME/P,<br>Elevation of GBAS<br>reference point ,and<br>The ellipsoid height<br>of the point. For<br>SBAS, The ellipsoid<br>height of the landing<br>threshold point (LTP)<br>or The fictitious<br>threshold point (FTP) | Service volume<br>radius from the<br>GBAS reference<br>point | Remarks |
|---|--|--|---------|
| 5   | 6  | 7  | 8       |
| 073027.78S<br>1104739.86E   | NIL  | NIL  | NIL     |
| 073043.69S<br>1104447.61E   | NIL  | NIL  | NIL     |
| 073108.22S<br>1104439.78E   | NIL  | NIL  | NIL     |
| 073055.20S<br>1104555.50E   | NIL  | NIL  | NIL     |
| 072936S<br>1105130E   | NIL  | NIL  | NIL     |

|                           |     |     |     |
|---------------------------|-----|-----|-----|
| 073038.52S<br>1104651.61E | NIL | NIL | NIL |
|---------------------------|-----|-----|-----|

**WAHQ AD 2.20 LOCAL AERODROME REGULATIONS****1 Airport Regulations**

1. Aerodrome Traffic Circuit Procedures
  - a. Runway 08 : Take Off and Landing right hand circuit or as instructed by ATC
  - b. Runway 26 : Take Off and Landing normal circuit or as instructed by ATC
2. Arrival and Departure Procedures
 

Arriving and departing aircraft are required to follow the current Standard Instrument Arrival (STAR) and Standard Instrument Departure (SID).
3. Freighter wide body aircraft are suggested not landing at Adi Soemarmo Airport / Solo Due to ground equipment (Ground deck Louder) not available.
4. Military Training Area 5-20 NM centre of "SO" NDB Ground Up to 6000ft ←

**2 Taxiing To and From Stand**

1. Taxi Procedures :
  - a. Departure ACFT RWY 08/26 taxi out from North apron via TWY Alpha and the proceed to RWY 08/26.
  - b. Arrival ACFT from RWY 08/26 taxi in to North apron via TWY Bravo.
  - c. Or as instructed by ATC.
2. All aircraft are not allowed to make one wheel locked turn on turning areas.

**WAHQ AD 2.21 NOISE ABATEMENT PROCEDURES***Reserved***WAHQ AD 2.22 FLIGHT PROCEDURES****1. COMMUNICATION PROCEDURES**

All aircraft within Solo TMA and Adi Soemarmo ATZ shall be equipped with radio capable of conducting and maintaining two way communications with Solo Approach.

**2. COMMUNICATION FAILURE PROCEDURES**

Aircraft radio communication failure procedures shall be in accordance with ICAO standards and recommended practices, or :

In Visual Meteorological condition (VMC)

- a. Continue Fly in VMC
- b. Fly full circuit over the Aerodrome, pilot shall endeavor to transmit blindly his position, intention, etc. so as to be monitored by Approach or any other traffic over Solo TMA or and Adi Soemarmo ATZ.

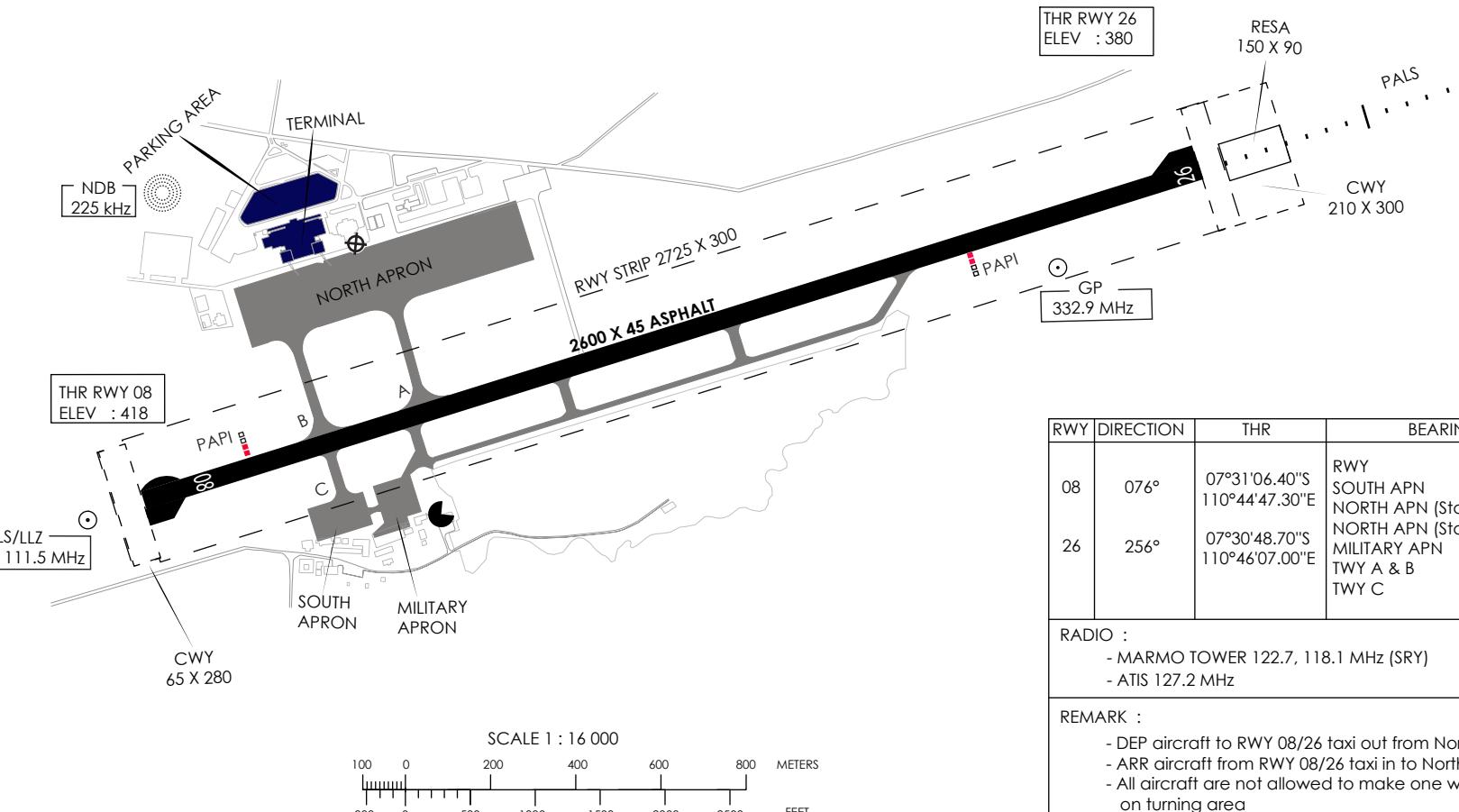
In Instrument Meteorological Condition (IMC)

- a. Proceed according to current Flight Plan to the appropriate designated navigation and serving Solo Approach and when required to ensure compliance with (b) below, hold over this aid until commencement of descent.
  - b. Commence descent from the navigation aid specified in (a) or as close as possible to ETA as indicated in the filled flight plan and revised in accordance with current flight plan.
- Land if possible within thirty minutes after the estimated time of arrival (ETA).

**WAHQ AD 2.23 ADDITIONAL INFORMATION***Reserved*

**WAHQ AD 2.24 CHARTS RELATED TO AN AERODROME**

- WAHQ AD 2.24-1, AERODROME CHART - ICAO, Dated 19 DEC 19;
- WAHQ AD 2.24-2, AIRCRAFT PARKING/DOCKING CHART - ICAO, Dated 19 DEC 19;
- WAHQ AD 2.24-4, AERODROME OBSTACLE CHART - ICAO, Dated 03 MAR 16;
- WAHQ AD 2.24-7A, STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO RWY 08, Dated 19 DEC 19;
- WAHQ AD 2.24-7B, STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAORWY 26, Dated 19 DEC 19;
- WAHQ AD 2.24-9, STANDARD ARRIVAL CHART - INSTRUMENT (STAR) - ICAO, Dated 19 DEC 19;
- WAHQ AD 2.24-11A, INSTRUMENT APPROACH CHART - ICAO NDB Z RWY 26 CAT A/B, Dated 19 DEC 19;
- WAHQ AD 2.24-11B, INSTRUMENT APPROACH CHART - ICAO NDB Y RWY 26 CAT C/D, Dated 19 DEC 19;
- WAHQ AD 2.24-11C, INSTRUMENT APPROACH CHART - ICAO VOR Z RWY 26 CAT A/B, Dated 19 DEC 19;
- WAHQ AD 2.24-11D, INSTRUMENT APPROACH CHART - ICAO VOR Y RWY 26 CAT C/D, Dated 19 DEC 19;
- WAHQ AD 2.24-11E, INSTRUMENT APPROACH CHART - ICAO ILS RWY 26 CAT A/B/C/D, Dated 19 DEC 19;



ELEVATION IN FEET  
DIMENSIONS IN METERS  
BEARINGS ARE MAGNETIC



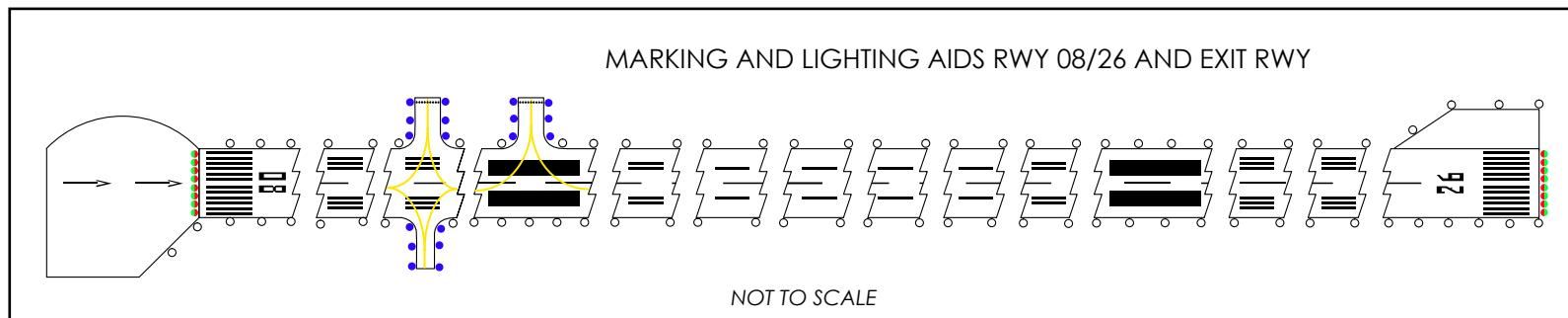
| TAXIWAY WIDTH | TAXIWAYS A,B,C |
|---------------|----------------|
| 23            |                |

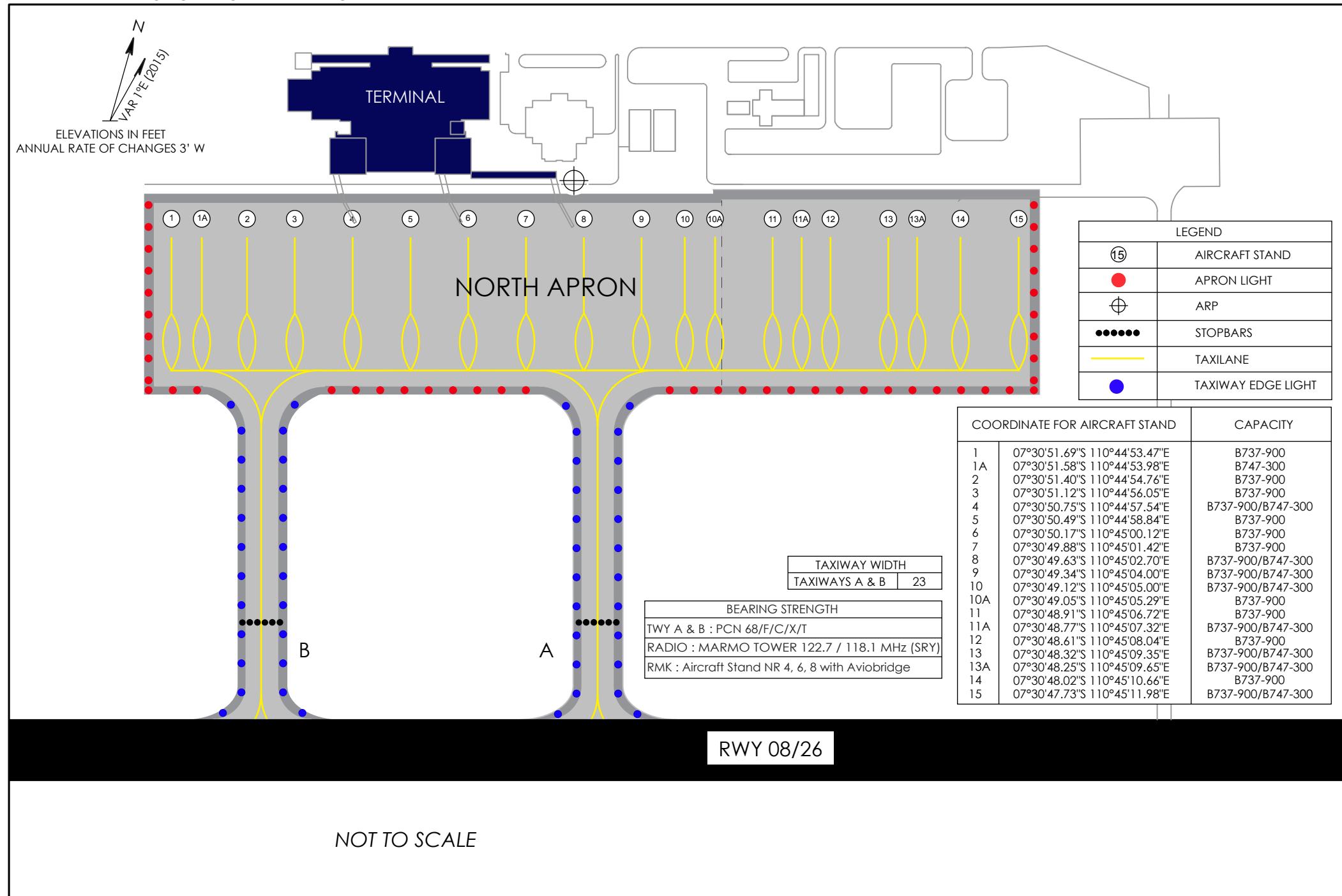
| RWY | DIRECTION | THR                             | BEARING STRENGTH  |
|-----|-----------|---------------------------------|---|
| 08  | 076°      | 07°31'06.40"S<br>110°44'47.30"E | RWY : PCN 68/F/C/X/T<br>SOUTH APN : PCN 31/F/C/X/T<br>NORTH APN (Stand 1-10A) : PCN 71/R/C/X/T<br>NORTH APN (Stand 11-15) : PCN 86/R/B/X/T<br>MILITARY APN : PCN 26/F/C/X/T<br>TWY A & B : PCN 68/F/C/X/T<br>TWY C : PCN 31/F/C/X/T |
| 26  | 256°      | 07°30'48.70"S<br>110°46'07.00"E |   |

RADIO :  
 - MARMO TOWER 122.7, 118.1 MHz (SRY)  
 - ATIS 127.2 MHz

REMARK :  
 - DEP aircraft to RWY 08/26 taxi out from North Apron via TWY A  
 - ARR aircraft from RWY 08/26 taxi in to North Apron via TWY B  
 - All aircraft are not allowed to make one wheel locked turn on turning area  
 - RWY Strip width reduced to 280m before THR RWY 08

| LEGEND            |       |
|-------------------|-------|
| ARP               | ∅     |
| RWY EDGE LIGHT    | ○     |
| RWY END/THR LIGHT | ●     |
| STOPBARS          | ••••• |
| TAXILANE          | —     |
| TWY EDGE LIGHT    | ●     |
| TOWER             | ●     |



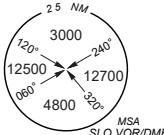


AIP INDONESIA (VOL II)  
STANDARD DEPARTURE  
CHART - INSTRUMENT (SID) - ICAO

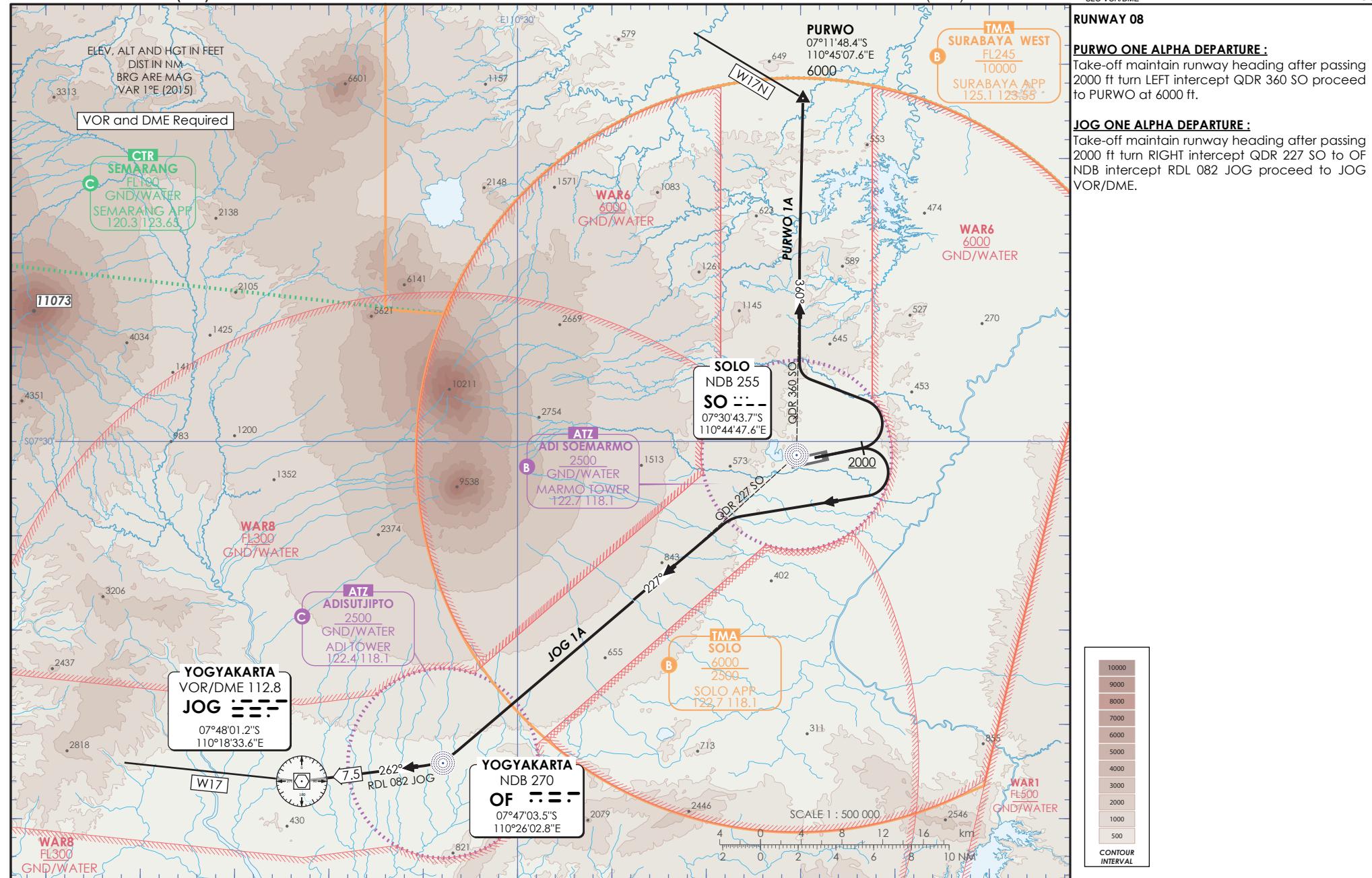
AD ELEV : 418

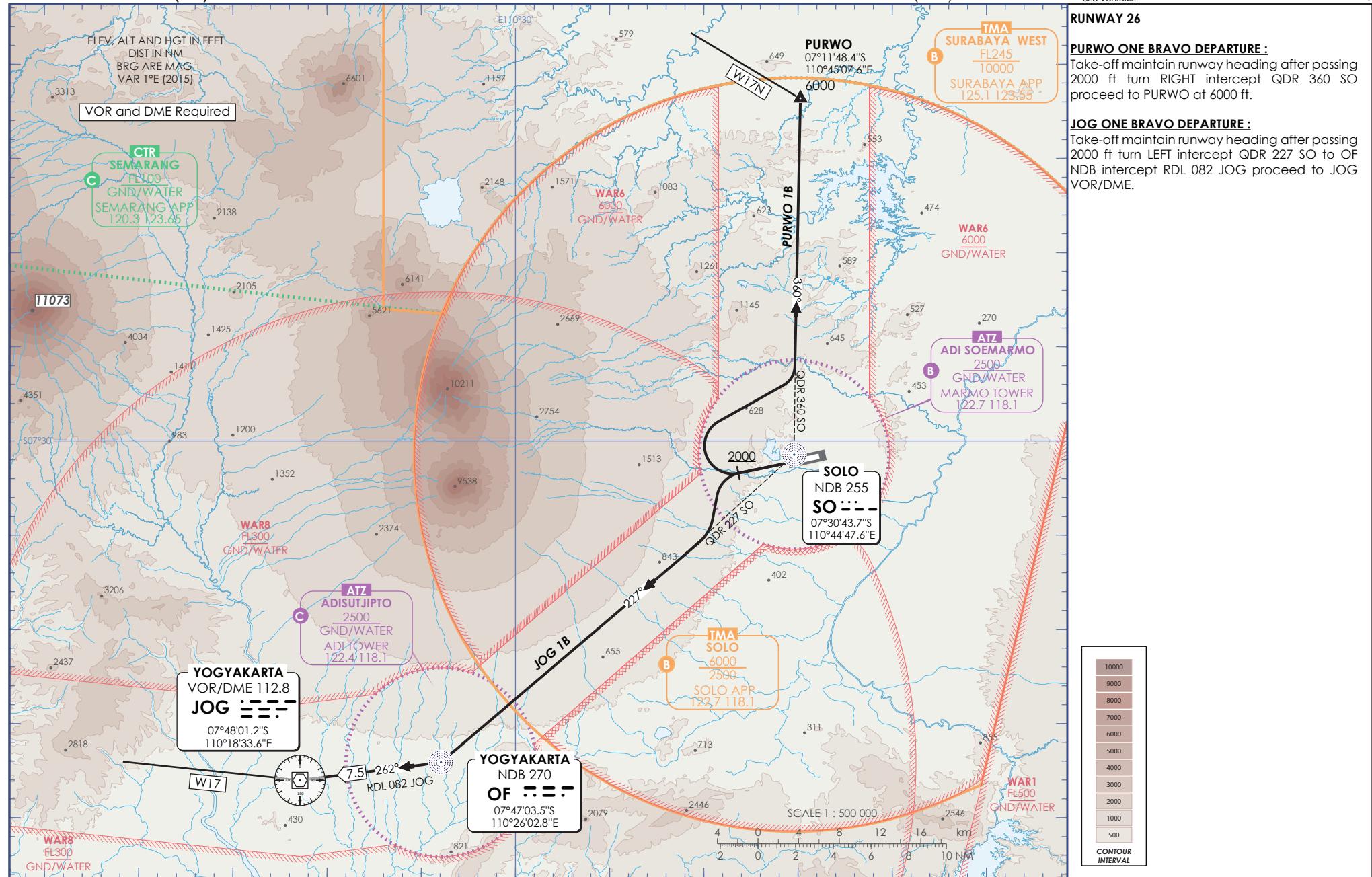
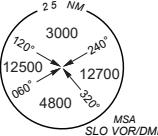
TRANSITION LEVEL : FL130  
TRANSITION ALT : 11 000

ATIS : 127.2  
Yogyakarta Director : 123.4/120.2 (SRY)  
Marmo TWR : 122.7/118.1 (SRY)



WAHQ AD 2.24-7A  
SOLO/  
Adi Soemarmo  
RWY 08





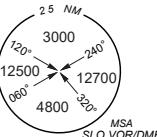
AIP INDONESIA (VOL II)

STANDARD ARRIVAL  
CHART - INSTRUMENT (STAR) - ICAO

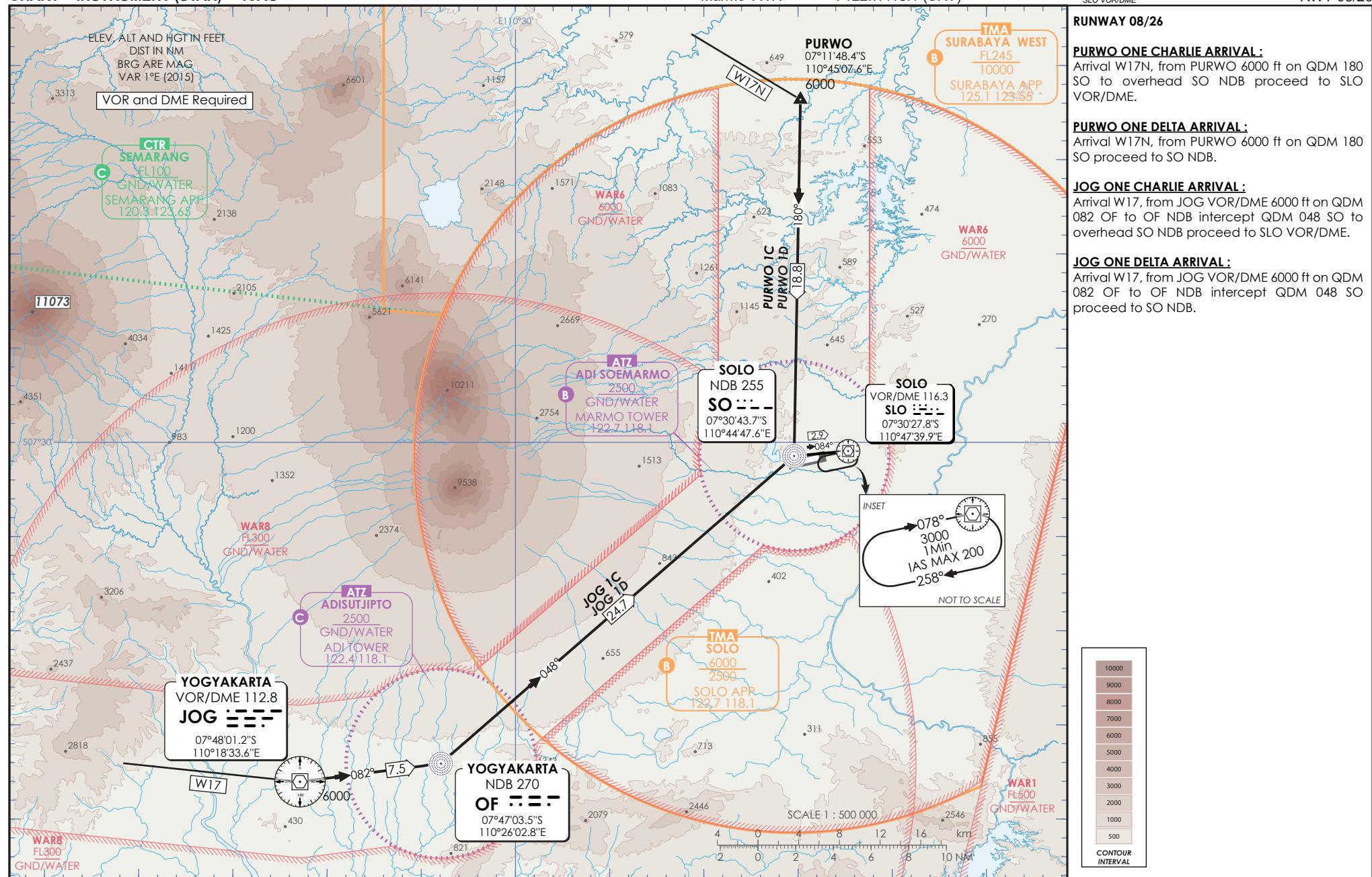
AD ELEV : 418

TRANSITION LEVEL : FL130  
TRANSITION ALT : 11 000

ATIS  
Yogyakarta Director  
Marmo TWR : 127.2  
: 123.4/120.2 (SRY)  
: 122.7/118.1 (SRY)

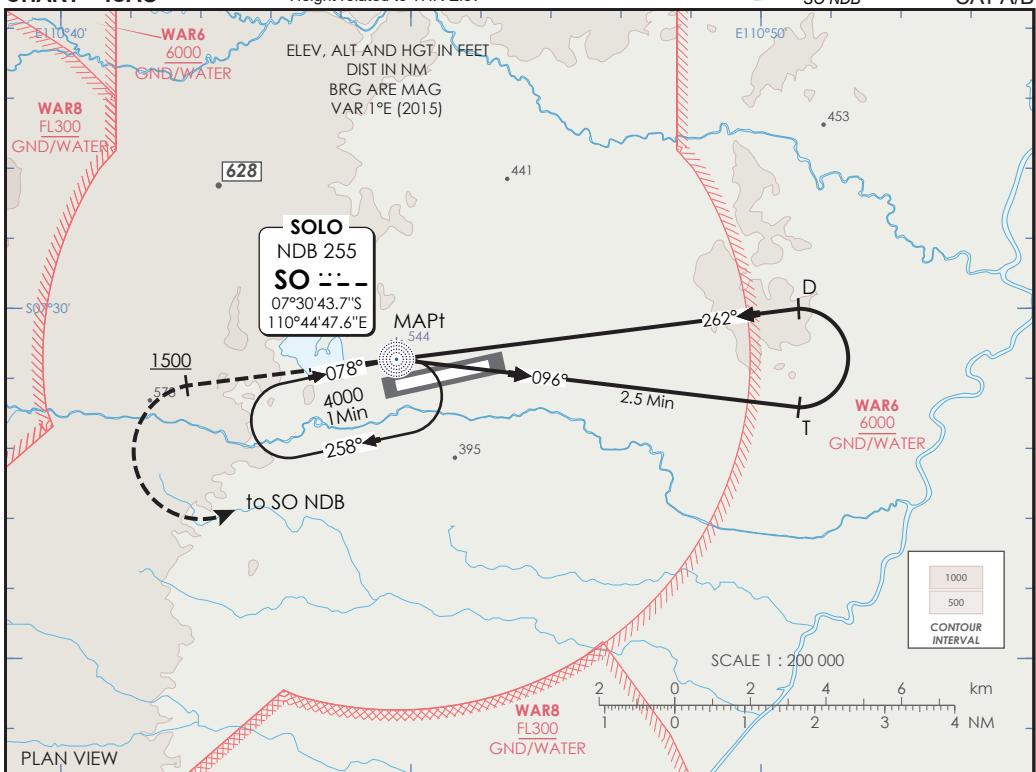
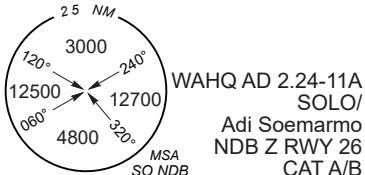


WAHQ AD 2.24-9  
SOLO/  
Adi Soemarmo  
RWY 08/26



AIP INDONESIA (VOL II)  
INSTRUMENT APPROACH  
CHART - ICAO

ATIS : 127.2  
Yogyakarta Director: 123.4/120.2 (SRY)  
Marmo TWR : 122.7/118.1 (SRY)  
AD ELEV : 418  
Height related to THR Elev

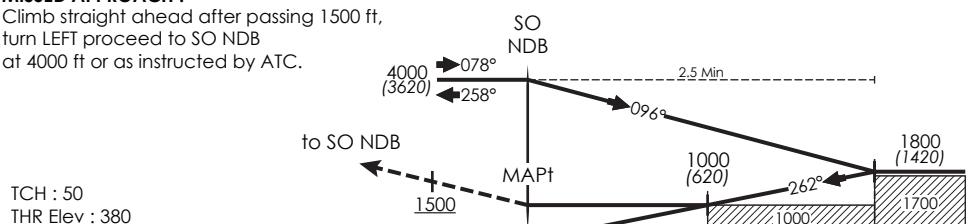


PROFILE VIEW

**MISSSED APPROACH :**

Climb straight ahead after passing 1500 ft,  
turn LEFT proceed to SO NDB  
at 4000 ft or as instructed by ATC.

TRANSITION LEVEL : FL130  
TRANSITION ALT : 11 000

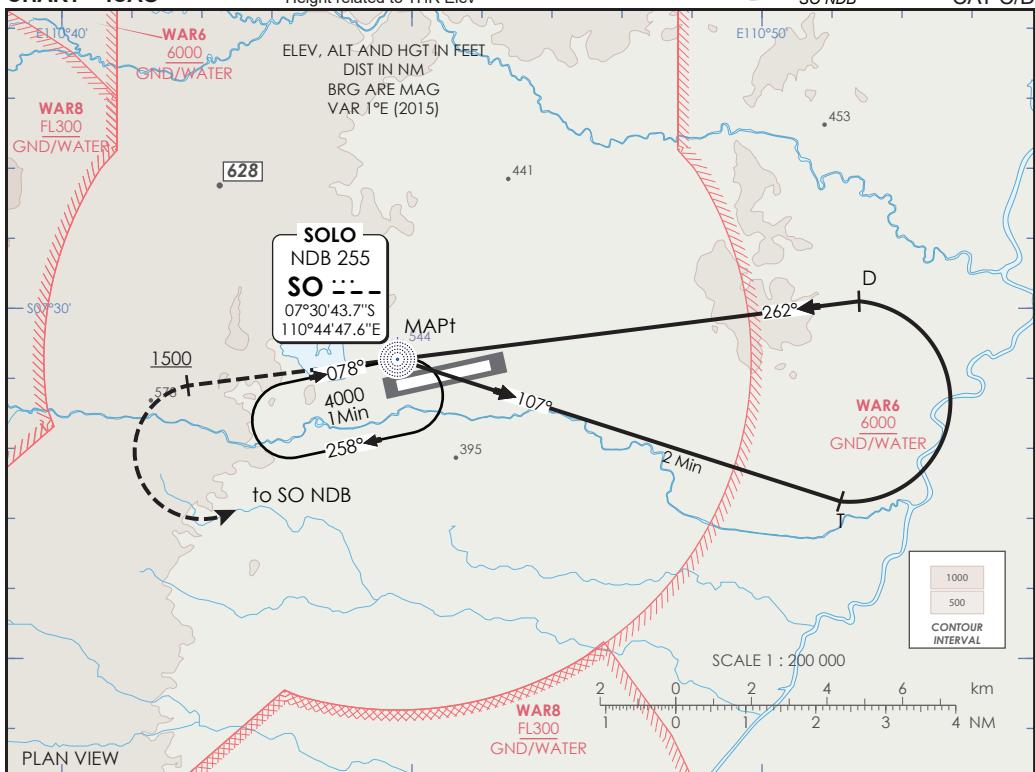
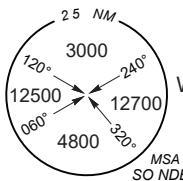


O C A ( H )

| Cat Of ACFT | A          | B     | Ground Speed (knots)                        |
|-------------|------------|-------|---|
| Straight in | 1000 (620) |       | Time (min : sec)                            |
| Visibility  | ALS        | 2700m | Rate of Descent (ft / min)                  |
| No ALS      | 3500m      |       | Notes : Height Circling related to AD Elev. |
| Circling    | 1040 (622) |       |   |
| Visibility  | 3500m      |       |   |

AIP INDONESIA (VOL II)  
INSTRUMENT APPROACH  
CHART - ICAO

ATIS : 127.2  
Yogyakarta Director : 123.4/120.2 (SRY)  
Marmo TWR : 122.7/118.1 (SRY)  
AD ELEV : 418  
Height related to THR Elev

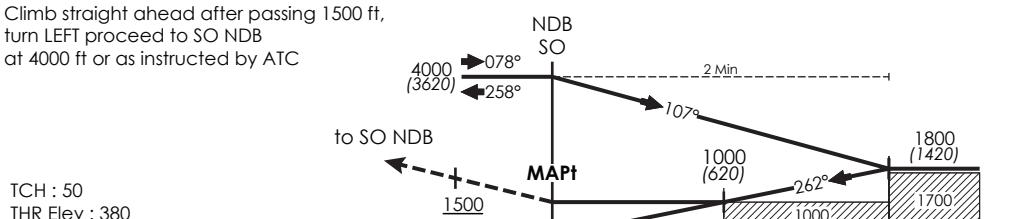


PROFILE VIEW

**MISSSED APPROACH :**

Climb straight ahead after passing 1500 ft,  
turn LEFT proceed to SO NDB  
at 4000 ft or as instructed by ATC

TRANSITION LEVEL : FL130  
TRANSITION ALT : 11 000



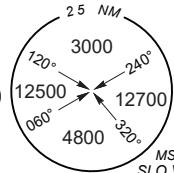
O C A ( H )

| Cat Of ACFT | C          | D           | Ground Speed (knots)                        |
|-------------|------------|-------------|---|
| Straight in | 1000 (620) |             | Time (min : sec)                            |
| Visibility  | ALS        | 2700m       | Rate of Descent (ft / min)                  |
| No ALS      |            | 3600m       | Notes : Height Circling related to AD Elev. |
| Circling    | 1260 (842) | 1430 (1012) |   |
| Visibility  | 4200m      | 5000m       |   |

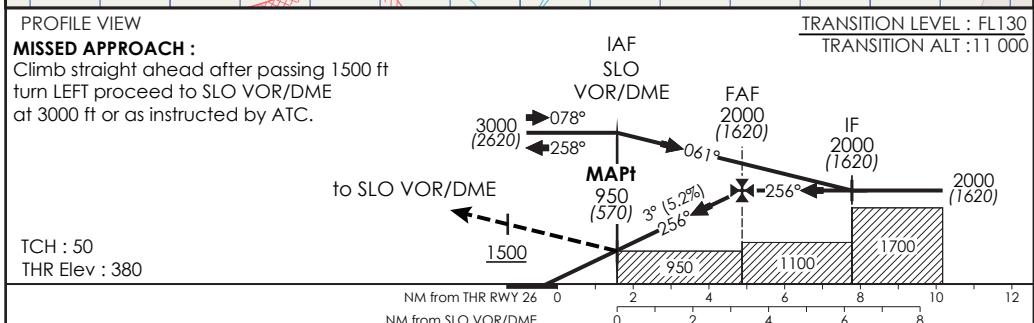
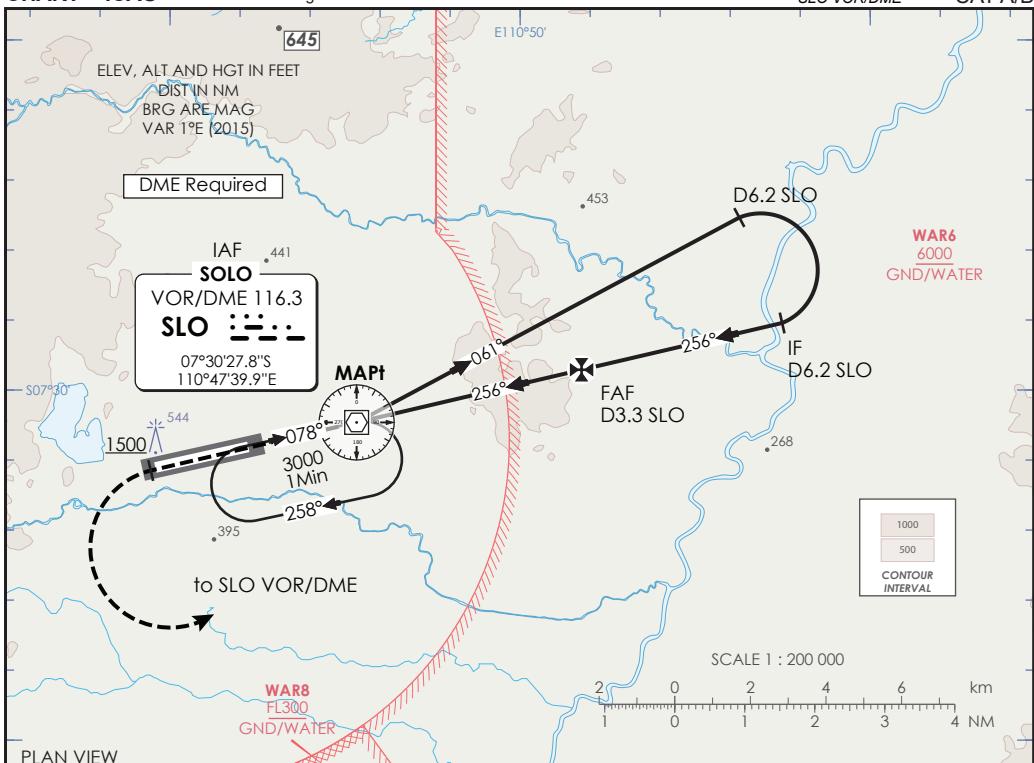
AIP INDONESIA (VOL II)  
INSTRUMENT APPROACH AD ELEV  
CHART - ICAO

ATIS : 127.2  
Yogyakarta Director : 123.4/120.2 (SRY)  
Marmo TWR : 122.7/118.1 (SRY)  
: 418

Height related to THR Elev



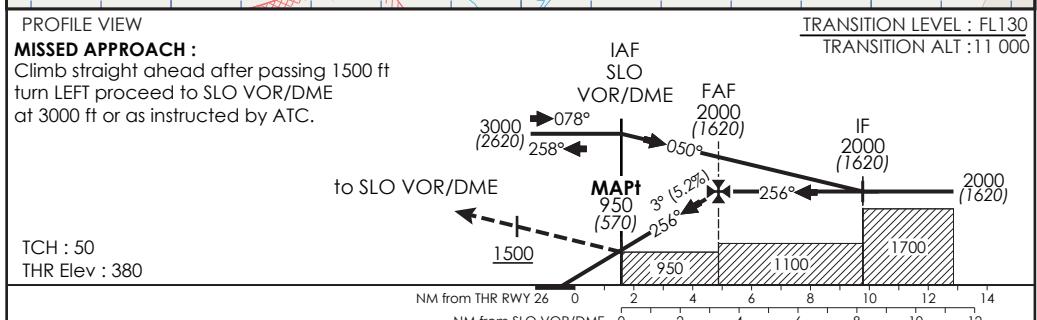
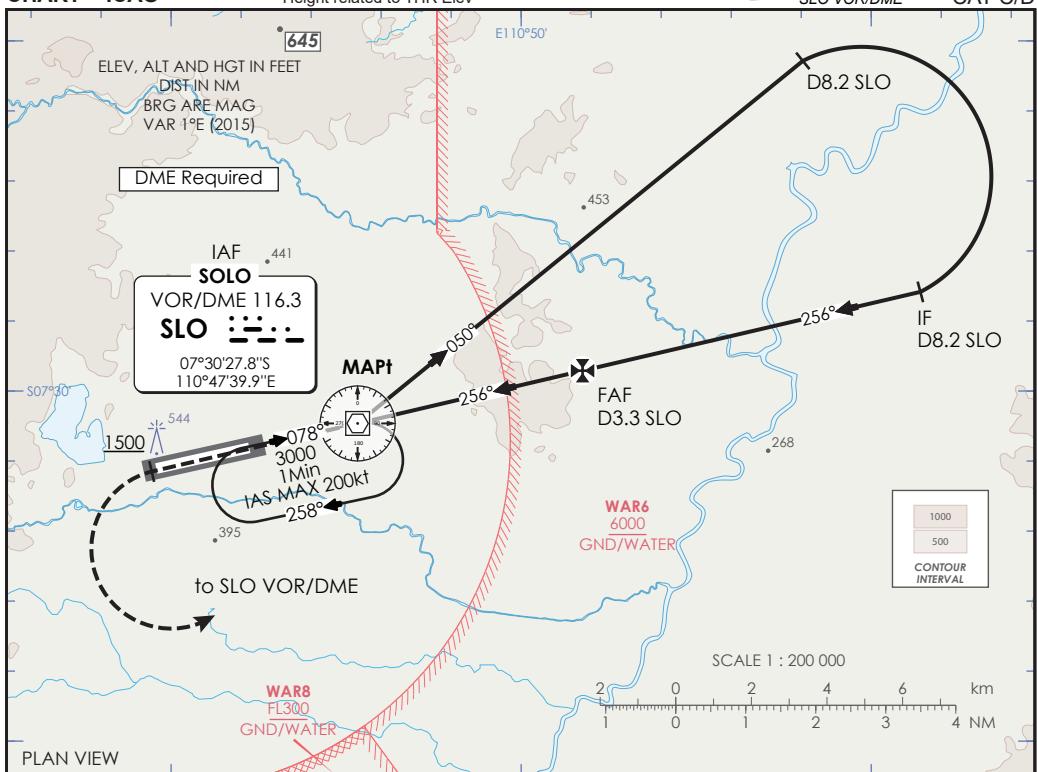
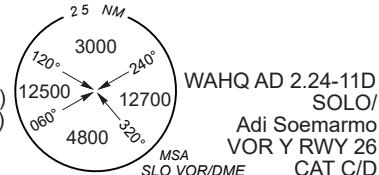
WAHQ AD 2.24-11C  
SOLO/  
Adi Soemarmo  
VOR Z RWY 26  
CAT A/B



| O C A (H)   |        | NM to SLO VOR/DME | 3   | 2    | 1    |      |      |
|-------------|--------|-------------------|---|------|------|------|------|
| Cat Of ACFT | A      | B                 | ALTITUDE                                    | 1895 | 1576 | 1258 |      |
| Straight in |        | 950 (570)         |   |      |      |      |      |
| Visibility  | ALS    | 2400m             | Distance : FAF to MAPt : 3.3 NM             |      |      |      |      |
|             | No ALS | 3300m             | Ground Speed (knots)                        | 70   | 80   | 90   | 100  |
| Circling    |        | 1040 (622)        | Time [min : sec]                            | 2:50 | 2:29 | 2:12 | 1:59 |
| Visibility  |        | 3500m             | Rate of Descent (ft / min)                  | 371  | 425  | 478  | 531  |
|             |        |                   | Notes : Height Circling related to AD Elev. | 584  | 637  | 690  |      |

AIP INDONESIA (VOL II)  
INSTRUMENT APPROACH AD ELEV  
CHART - ICAO

ATIS : 127.2  
Yogyakarta Director : 123.4/120.2 (SRY)  
Marmo TWR : 122.7/118.1 (SRY)  
: 418  
Height related to THR Elev



| O C A (H)   |            | NM to SLO VOR/DME |          |      | 3    | 2    | 1 |  |
|-------------|------------|-------------------|----------|------|------|------|---|--|
| Cat Of ACFT | C          | D                 | ALTITUDE | 1895 | 1576 | 1258 |   |  |
| Straight in |            | 950 (570)         |          |      |      |      |   |  |
| Visibility  | ALS        | 2400m             |          |      |      |      |   |  |
|             | No ALS     | 3300m             |          |      |      |      |   |  |
| Circling    | 1260 (842) | 1430 (1012)       |          |      |      |      |   |  |
| Visibility  | 4200m      | 5000m             |          |      |      |      |   |  |

Distance : FAF to MAPT : 3.3 NM ;

Ground Speed (knots) 100 120 130 150 160 170 180

Time (min : sec) 1:59 1:39 1:31 1:19 1:14 1:10 1:06

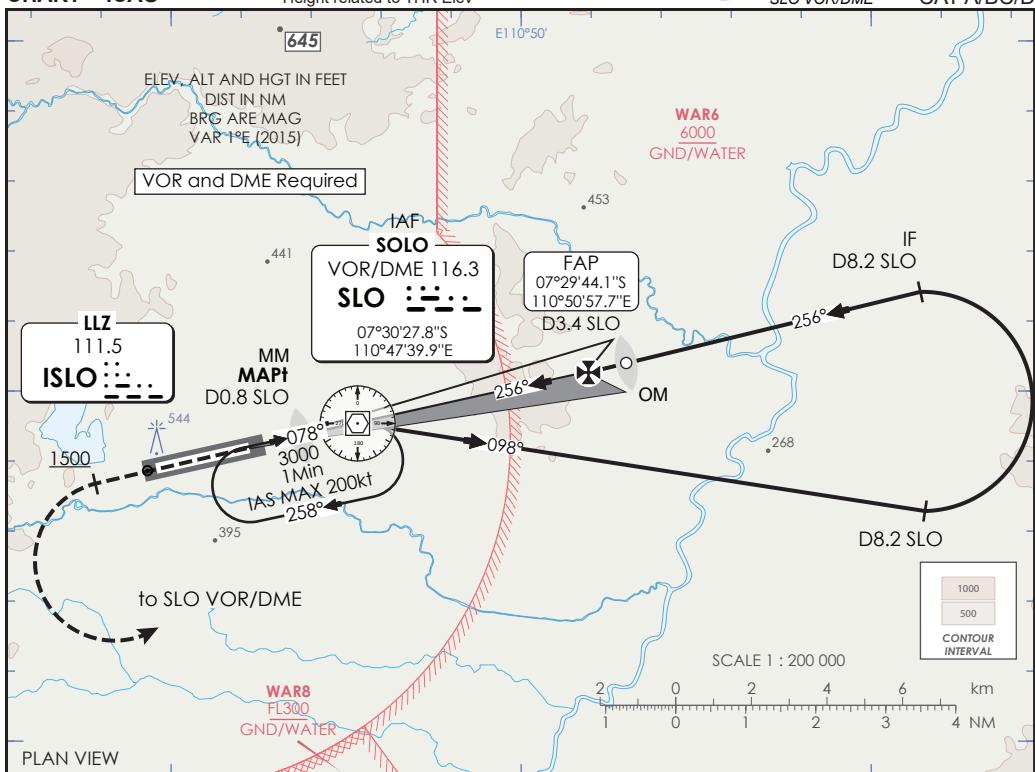
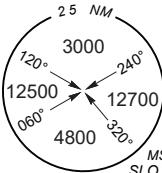
Rate of Descent (ft / min) 531 637 690 796 849 902 955

Notes : Height Circling related to AD Elev

AIP INDONESIA (VOL II)  
INSTRUMENT APPROACH AD ELEV  
CHART - ICAO

ATIS : 127.2  
Yogya Director : 123.4/120.2 (SRY)  
Marmo TWR : 122.7/118.1 (SRY)  
: 418  
Height related to THR Elev

WAHQ AD 2.24-11E  
SOLO/  
Adi Soemarmo  
ILS or LOC RWY 26  
CAT A/BC/D

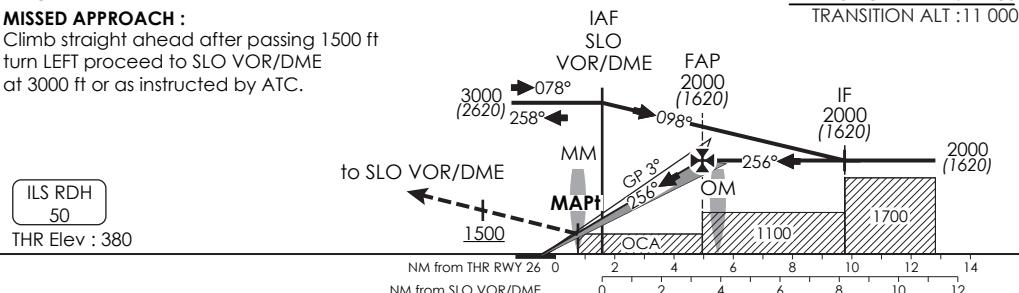


PROFILE VIEW

**MISSSED APPROACH :**

Climb straight ahead after passing 1500 ft  
turn LEFT proceed to SLO VOR/DME  
at 3000 ft or as instructed by ATC.

TRANSITION LEVEL : FL130  
TRANSITION ALT : 11 000



| Cat Of ACFT | O C A (H)  |           |            |   | NM to SLO VOR/DME | 3    | 2    | 1 |  |
|-------------|------------|-----------|------------|---|-------------------|------|------|---|--|
|             | A          | B         | C          | D |                   |      |      |   |  |
| Cat I       |            |           |            |   | 1895              | 1576 | 1258 |   |  |
| Visibility  | ALS        | 800m      |            |   |                   |      |      |   |  |
| No ALS      |            | 1100m     |            |   |                   |      |      |   |  |
| GP INOP     |            | 950 (570) |            |   |                   |      |      |   |  |
| Visibility  | ALS        | 2300m     |            |   |                   |      |      |   |  |
| No ALS      |            | 3200m     |            |   |                   |      |      |   |  |
| Circling    | 1040 (622) | 1260(842) | 1430(1012) |   |                   |      |      |   |  |
| Visibility  | 3500m      | 4200m     | 5000m      |   |                   |      |      |   |  |

Notes : Height Circling related to AD Elev.