

AD 2. AERODROMES**VEBI AD 2.1 AERODROME LOCATION INDICATOR AND NAME****VEBI -BARAPANI / DOMESTIC****VEBI AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

| | | |
|----|------------------------------------------------------------|--------------------------------------------------------------------------------|
| 1. | ARP coordinates and site at AD | 254211.5N 0915841.0E, 043°/850M from THR 04 |
| 2. | Direction and distance from (city) | 45°,34Km from Shillong |
| 3. | Elevation/Reference temperature | 886.5M(2909FT) 24°C |
| 4. | MAG VAR/Annual change | 0.50°W(1985)/0.02° Increasing. |
| 5. | AD Administration, address, telephone, telefax, telex, AFS | Airports Authority of India, Shillong Airport, Barapani, Shillong-793103 |
| | | Tel 0364-2577459. |
| | | Fax 0364-2577346 |
| | | Telex NIL |
| | AFS | VEBIYDYX |
| 6. | Types of traffic permitted (IFR/VFR) | VFR |
| 7. | Remarks | NIL. |

VEBI AD 2.3 OPERATIONAL HOURS

| | | |
|-----|---------------------------|---------------------------------------------------------------|
| 1. | AD Administration | MON-FRI :0400-1200 (0930-1730) SAT,SUN+HOL : NIL |
| 2. | Custom and immigration | NIL |
| 3. | Health and sanitation | NIL |
| 4. | AIS Briefing office | NIL |
| 5. | ATS Reporting Office(ARO) | NIL |
| 6. | MET Briefing office | NIL |
| 7. | ATS | Consult current NOTAM for ATS HRs |
| 8. | Fuelling | NIL |
| 9. | Handling | NIL |
| 10. | Security | H24 |
| 11. | De-icing | NIL |
| 12. | Remarks | Outside of ATS HR service available O/R with H24 PN to AD. |

VEBI AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|----|-----------------------------------------|---------------------------------------|
| 1. | Cargo-handling facilities | Available with local airline operator |
| 2. | Fuel/oil types | JET A-1 (ATF) |
| 3. | Fuelling facilities/capacity | Refueller , 31KL |
| 4. | De-icing facilities | Nil |
| 5. | Hanger space for visiting aircraft | Nil |
| 6. | Repair facilities for visiting aircraft | Nil |
| 7. | Remarks | Nil |

VEBI AD 2.5 PASSENGER FACILITIES

| | | |
|----|----------------------|----------------------------------------|
| 1. | Hotels | In the city |
| 2. | Restaurants | In the city |
| 3. | Transportation | Buses Taxi on sharing basis. |
| 4. | Medical Facilities | First aid at AD. Hospital in the city. |
| 5. | Bank and post office | In the city. |
| 6. | Tourist office | In the city |
| 7. | Remarks | Nil |

VEBI AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|----|---------------------------------------------|---------------------------|
| 1. | AD category for fire fighting | Within AD HR : CAT 4 |
| 2. | Rescue equipment | Available as per category |
| 3. | Capability for removal of disabled aircraft | Nil |
| 4. | Remarks | Nil |

VEBI AD 2.7 SEASONAL AVAILABILITY - CLEARING

Nil

VEBI AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | | |
|----|-------------------------------------|-----------|-----------------------|
| 1. | Apron surface and strength | Surface | Concrete |
| | | Strength | LCN 30 |
| 2. | Taxiway width, surface and strength | Width | 23M |
| | | Surface | Concrete |
| | | Strength | LCN 30 |
| 3. | ACL and elevation | Location | Nose wheel point no.1 |
| | | Elevation | 888.9M/2916FT |
| 4. | VOR/INS checkpoints | VOR | --- |
| | | INS | --- |
| 5. | Remarks | -- | -- |

VEBI AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

| | | | | |
|----|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|---------|--------------------------------------|
| 1. | Use of aircraft stand ID signs, TWY guidelines and visual docking / parking guidance system of aircraft stands | Taxing guidance provided on r/t.guidelines at apron | | |
| 2. | RWY and TWY markings and LGT | RWY | Marked | Designation THR, TDZ, and Centerline |
| | | | Lighted | Nil |
| | | TWY | Marked | Centerline, Holding position |
| | | | Lighted | Nil. |
| 3. | Stop bars | Nil | | |
| 4. | Remarks | Nil | | |

VEBI AD 2.10 AERODROME OBSTACLES

| In approach /TKOF areas | | | In circling area and at AD | | Remarks |
|--------------------------|-------------------------------------------|-------------------------|-------------------------------------------|-------------------------|---------|
| 1. | | | 2. | | |
| RWY/ Area affected | Obstacle type Elevation Marking/LGT | Coordinates | Obstacle type Elevation Marking/LGT | Coordinates | |
| a | b | c | a | b | |
| 1.APCH-04 TKOF-22 | GP OF TREES 920.4m/3020ft | 254150.8N 0915815.3E | GP OF TREES 906.4m/2974ft. | 254207.8N 0915840.5E | |
| 2. | GP OF TREES 920.7m/3021ft | 254148.7N 0915813.4E | W.D.I 892.9m/2920ft. | 254209.2N 0915841.2E | |
| 3. | GP OF TREES 909.1m/2983ft | 254140.4N 0915816.7E | GP OF TREES 903m/2963ft. | 254215.7N 0915846.2E | |
| 4. | GP OF TREES 922.5m/3027ft | 254143.3N 0915808.8E | TREE ON H.T 1336.8m/4386ft. | 254350.6N 0915712.6E | |
| 5. | GP OF TREES 911.3m/2990ft | 254137.9N 0915813.8E | TREE ON H.T 935.7m/3070ft. | 254240.9N 0915845.9E | |
| 6. | GP OF TREES 913.5m/2997ft | 254135.0N 0915810.2E | HUT ON HILL 920.5m/3020ft. | 254248.8N 0915851.3E | |
| 7. | SPOT LEVEL 987.5m/2945ft | 254152.3N 0915817.8E | TREE ON H.T 909m/2982ft. | 254239.8N 0915919.0E | |
| 8. | SPOT LEVEL 989.2m/2947ft | 254151.2N 0915816.7E | TREE ON HILL 1214m/3983ft. | 254443.2N 0915848.0E | |
| 9. | TREE 901.3m/2957ft | 254147.2N 0915814.2E | TREE T ON HILL 1254m/4114ft. | 254335.6N 0915749.5E | |
| 10. | SPOT LEVEL 901.4m/2957ft | 254144.4N 0915811.3E | TREE T ON HILL 1359m/4459ft. | 254232.5N 0915522.6E | |
| 11. | TREE 910.1m/2986ft | 254155.5N 0915820.3E | HILL 1269m/4163ft. | 253905.3N 0915438.8E | |
| 12. | SPOT LEVEL 895.9m/2939ft | 254149.8N 0915823.2E | HILL 1207m/3960ft. | 253838.1N 0915522.0E | |
| 13. | SPOT LEVEL 897.2m/2944ft | 254146.2N 0915820.3E | HILL 1445m/3960ft | 253608.5N 0915238.4E | |
| 14. | TREE 920.0m/3018ft | 254137.2N 0915803.0E | HILL 1466m/4810ft | 253526.1N 0915402.5E | |
| 15. | TREE 915.1m/3002ft | 254137.5N 0915806.3E | HILL 1596m/5236ft | 253459.6N 0915712.0E | |
| 16. | MOBILE RD TFC 913m/2995ft | 254137.5N 0915802.3E | MAST P&T DEP 1710m/5610ft | 253635.7N 0915510.0E | |
| 17. | GP OF TREES 918.6m/3014ft | 254135.4N 0915803.0E | HILL 1355m/1446ft | 253755.5N 0915742.9E | |
| 18. | TREE 926.1m/3038ft | 254141.8N 0915806.6E | HILL 1147m/3763ft | 254009.2N 0915856.1E | |
| 19.APCH- 22 | TREE ON HT | 254326.0N | HILL 1201m/3960ft | 253732.0N 0920007.3E | |

| | | | | |
|---------|-----------------------------------|-------------------------|------------------------------------|-------------------------|
| TKOF-04 | 950.0m/3117ft | 0915953.8E | | |
| 20. | TREE 896.7m/2942ft | 254244.8N 0915915.4E | HILL 1040m/3412ft | 254034.5N 0920011.8E |
| 21. | TREE 898.5m/2948ft | 254245.6N 0915913.9E | HILL 948m/3110ft | 254244.5N 0920026.9E |
| 22. | TREE ON H.T 941.7/3090ft | 254324.1N 0915954.3E | TREE T. ON HILL 1087m/3566ft | 254356.3N 0920136.4E |
| 23. | | | | |
| 24. | TREE 893.9m/2933ft | 254249.5N 0915916.1E | O/H WATER T. 1062M/3484ft | 254157.6N 0915613.9E |
| 25. | TREE 896.3m/2941ft | 254256.4N 0915911.4E | TREE T. ON HILL 1040m/3412ft | 254329.1N 0920113.2E |
| 26. | TREE ON H.T 918.1m/3012ft | 254312.2N 0915921.1E | TREE T. ON HILL 949m/3114ft | 254222.2N 0915929.6E |
| 27. | HILL 935.7m/3070ft | 254323.7N 0915951.6E | TREE T. ON HILL 1003m/3291ft | 254135.7N 0915921.4E |
| 28. | TREE 897.3m/2944ft | 254243.7N 0915913.9E | | |
| 29. | HILL TOP 937.6m/3076ft | 254328.8N 0915955.3E | | |
| 30. | HOUSE ON HILL 926.1m/3038ft | 254335.6N 0915934.5E | | |
| 31. | HILL TOP 938.5m/3079ft | 254340.5N 0915937.3E | | |
| 32. | TREE ON H.T 944.1m/3097ft | 254339.9N 0915939.9E | | |
| 33. | TREE ON HILL 944.3m/3098ft | 254329.5N 0915953.5E | | |
| 34. | TREE ON H.T 947.2m/3108ft | 254329.1N 0915955.0E | | |

VEBI AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|-----|------------------------------------------------------------------------|-----------|
| 1. | Associated MET office | Shillong. |
| 2. | Hours of service Met office outside hours | Nil |
| 3. | Office responsible for TAF preparation Periods of validity | Nil |
| 4. | Types of landing forecast Interval of issuance | Nil |
| 5. | Briefing / consultation provided | Nil |
| 6. | Flight documentation Language(s) use | Nil |
| 7. | Charts and other information available For briefing or consultation | Nil |
| 8. | Supplementary equipment available for Providing information | Nil |
| 9. | ATS units provided with information | ---- |
| 10. | Additional information (limitation of service, etc.) | Nil |

VEBI AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

| Designations RWY NR | TRUE & MAG BRG | Dimensions of RWY(M) | Strength (PCN) and surface of RWY and SWY | THR coordinates | THR elevation and highest elevation of TDZ of precision APP RWY |
|---------------------------|------------------------------|----------------------------|-------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 04 | 039°02'GEO 039°45' MAG | 1829X45 | CONCRETE | 254201.7N 0915843E | THR:887.4M/2911FT TDZ:887.4M/2911FT |
| 22 | 219°02'GEO 219°45'MAG | 1829X45 | CONCRETE | 254235.2N 0915913.1E | THR883.4M/2898FT TDZ: 885.8M/2906FT |
| Slope of RWY- SWY | SWY dimension (M) | CWY dimension (M) | Strip dimension (M) | OFZ | Remarks |
| 7 | 8 | 9 | 10 | 11 | 12 |
| -2.3%/ -0.4% | Nil | Nil | 1829X150 | Nil | Nil |
| +0.4%/ +2.3% | Nil | Nil | 1829X150 | Nil | Nil |

VEBI AD 2.13 DECLARED DISTANCES

| RWY Designation | TORA (M) | TODA (M) | ASDA (M) | LDA (M) | Remarks |
|-----------------|-------------|-------------|-------------|------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 04 | 1829 | 1829 | 1829 | 1524 | Nil |
| 22 | 1829 | 1829 | 1829 | 1829 | Nil |

VEBI AD 2.14 APPROACH AND RUNWAY LIGHTING

Nil

VEBI AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | |
|----|----------------------------------------------------------|---------------------------------------------------------------------------|
| 1. | ABN/IBN location, characteristics and Hours of operation | Nil |
| 2. | LDI location and LGT Anemometre location and LGT | Nil |
| 3. | TWY edge and centre line lighting | Nil |
| 4. | Secondary power supply/switch-over Time | Secondary Power supply to all lighting at AD . Switch over time 1 Min. |
| 5. | Remarks | Nil |

VEBI AD 2.16 HELICOPTER LANDING AREA

Not Established

VEBI AD 2.17 ATS AIRSPACE

| | | |
|----|-----------------------------------|------------------------------|
| 1. | Designation and lateral limits | --- |
| 2. | Vertical limits | --- |
| 3. | Airspace classification | CLASS D |
| 4. | ATS unit call sign Language(s) | Barapani Tower English |
| 5. | Transition altitude | 9000FT |
| 6. | Remarks | ATS airspace not established |

VEBI AD 2.18 ATS COMMUNICATION FACILITIES

| Service Designator | Call sign | Frequency | Hours of operation | Remarks |
|--------------------|----------------|-----------|--------------------|---------|
| 1 | 2 | 3 | 4 | 5 |
| TWR | Barapani Tower | 122.3MHZ | As ATS | Nil |

VEBI AD 2.19 RADIO NAVIGATION AND LANDING AIDS

| Type of aid CAT of ILS/MLS (For VOR/ILS/ MLS, give VAR) | ID | Frequency | Hours of operation | Site of transmittin g antenna coordinates | Elevation of DME trans- mitting antenna | Remarks |
|------------------------------------------------------------------------|-----|------------------|-----------------------|-------------------------------------------------------|--------------------------------------------------------|-------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| NDB | BR | 320 KHZ | As ATS | 254222.0N 0915833E | --- | |
| DVOR | BPN | 116.0MHz | As ATS | 254223.4N 0915843.3E | --- | -- |
| DME | BPN | 1131/1194 MHZ | As ATS | --- | --- | Collocated with DVOR |

VEBI AD 2.20 LOCAL TRAFFIC REGULATIONS

VEBI AD 2.21 NOISE ABATEMENT PROCEDURES

VEBI AD 2.22 FLIGHT PROCEDURES

1. Following holding procedure is established over Barapani NDB (320BR)

One-minute right hand racetrack pattern, inbound track 040 Deg M. minimum holding altitude 9000FT.

2. Following holding procedure is established over Barapani VOR (116.0MHz BPN)

One-minute right hand racetrack pattern, inbound track 040 Deg M. minimum holding altitude 9000FT.

VEBI AD 2.23 ADDITIONAL INFORMATION

VEBI AD 2.24 CHARTS RELATED TO AN AERODROME
