

AD 2. AERODROMES**VIBR AD 2.1 AERODROME LOCATION INDICATOR AND NAME****VIBR - KULLU MANALI / DOMESTIC****VIBR AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

| | | |
|----|--|---|
| 1. | ARP coordinates and site at AD | 315237.0N 0770919.3E, 348°/550M from THR 34 |
| 2. | Direction and distance from (city) | 180°,10KM from Kullu. |
| 3. | Elevation/Reference temperature | 1088.8M (3573FT)/24°C |
| 4. | MAG VAR/Annual change | 0.75°E(1985)/NIL. |
| 5. | AD Administration, address, telephone, telefax, telex, AFS | Airports Authority of India, Kullu Manali airport, Bhuntar, Kullu-175125. (Himachal Pradesh) |
| | | Tel 01902-267117,266325 |
| | | Fax 01902-265603 |
| | | Mobile 09418062063 |
| | AFS VIBRYDYX | |
| 6. | Types of traffic permitted (IFR/VFR) | VFR |
| 7. | Remarks | NIL |

VIBR AD 2.3 OPERATIONAL HOURS

| | | |
|-----|---------------------------|---|
| 1. | AD Administration | MON-FRI:0400-1200 (0930-1730 IST) |
| 2. | Custom and immigration | Nil |
| 3. | Health and sanitation | Nil |
| 4. | AIS Briefing office | As ATS |
| 5. | ATS Reporting Office(ARO) | As ATS |
| 6. | MET Briefing office | As ATS |
| 7. | ATS | Consult current NOTAM for current ATS Hrs. |
| 8. | Fuelling | As ATS |
| 9. | Handling | As ATS |
| 10. | Security | As ATS |
| 11. | De-icing | Nil |
| 12. | Remarks | Outside of ATS hours, services are available o/r. with 24hr PN to AD. |

VIBR AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|----|---|-------------------------|
| 1. | Cargo-handling facilities | Nil |
| 2. | Fuel/oil types | ATF |
| 3. | Fuelling facilities/capacity | 2 Trucks 40,000 Liters. |
| 4. | De-icing facilities | Nil |
| 5. | Hanger space for visiting aircraft | Nil |
| 6. | Repair facilities for visiting aircraft | Nil |
| 7. | Remarks | Nil |

VIBR AD 2.5 PASSENGER FACILITIES

| | | |
|----|----------------------|-------------------------------------|
| 1. | Hotels | Near the AD and in the city. |
| 2. | Restaurants | Near the AD and in the city. |
| 3. | Transportation | Buses and taxis from AD to city. |
| 4. | Medical Facilities | First aid at AD. Hospitals in city. |
| 5. | Bank and post office | Near the AD. |
| 6. | Tourist office | Office in the city. |

| | | |
|----|---------|---|
| | | Telephone :- Kullu- 01902-222349 Manali-01902-252116 |
| 7. | Remarks | NIL |

VIBR AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

| | | |
|----|---|------------------------|
| 1. | AD category for fire fighting | With in ATS Hrs;CAT-4 |
| 2. | Rescue equipment | AVBL. as per category. |
| 3. | Capability for removal of disabled aircraft | Nil |
| 4. | Remarks | Nil |

VIBR AD 2.7 SEASONAL AVAILABILITY - CLEARING

Nil

VIBR AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | | |
|----|-------------------------------------|-----------|---------|
| 1. | Apron surface and strength | Surface | Bitumen |
| | | strength | ---- |
| 2. | Taxiway width, surface and strength | | ---- |
| 3. | ACL and elevation | location | ---- |
| | | elevation | --- |
| 4. | VOR/INS checkpoints | Nil | |
| 5. | Remarks | Nil | |

VIBR 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 | Taxiway guidance provided on r/t. | |
| 2. | RWY and TWY markings and LGT | Rwy: | Designation, THR , Centreline, Edge ,RWY End as appropriate marked. |
| | | Twy- | Nil |
| 3. | Stop bars | Nil | |
| 4. | Remarks | Nil | |

VIBR AD 2.10 AERODROME OBSTACLES

| In approach /TKOF areas | | | In circling area and at AD | Remarks |
|-------------------------|--|-------------------------|--|---------|
| 1. | | | 2. | 3. |
| RWY/Area | Obstacle type Elevation Marking/LGT affected | Coordinates | Obstacle type Elevation Marking/LGTCoordinates | |
| A | b | c | a b | |
| 1.APCH16 TKOF34 | B. WALL 1090.6M/3578FT | 315254.7N 0770907.5E | | |
| 2. | MET OBSR. BOX 1092.8M/3585FT | 315254.7N 0770906.7E | | |
| 3. | BUILDING 1101.0M/3612FT | 315254.8N 0770905.8E | | |
| 4. | WALL FENCE 1094.7M/3592FT | 315254.8N 0770905.2E | | |

| | | | | |
|-------------------|-----|--------------------------------|-------------------------|--|
| APCH34 TKOF16. | 5. | TREE 1108.4M/3636FT | 315255.0N 0770903.9E | |
| | 6. | ELECT. POLE 1100.4M/3610FT | 315255.9N 0770904.9E | |
| | 7. | BRIDGE 1098.5M/3604FT | 315256.2N 0770904.9E | |
| | 8. | TREE 1105.6M/3627FT | 315259.2N 0770908.6E | |
| | 9. | TELE. POLE 1093.4M/3586FT | 315259.1N 0770908.1E | |
| | 10. | ELECT. POLE 1103.4M/3620FT | 315259.5N 0770908.4E | |
| | 11. | ELECT. POLE 1098.3M/3603FT | 315259.0N 0770907.6E | |
| | 12. | BRIDGE 1098.5M/3504FT | 315259.4N 0770907.1E | |
| | 13. | BUILDING 1097.8M/3602FT | 315259.8N 0770906.8E | |
| | 14. | BUILDING 1103.2M/3619FT | 315300.9N 0770906.2E | |
| | 15. | BUILDING 1098.3M/3603FT | 315301.0N 0770905.3E | |
| | 16. | TREE 1100.2M/3610FT | 315301.5N 0770904.7E | |
| | 17. | STEEL BRIDGE 1107.9M/3635FT | 315315.3N 0770852.9E | |
| | 18. | GP OF TREES 1101.9M/3615FT | 315208.5N 0770932.3E | |
| | 19. | GP OF TREES 1091.5M/3581FT | 315201.8N 0770931.4E | |
| | 20. | TREE 1093.3M/3587FT | 315212.0N 0770922.9E | |
| | 21. | ELECT. POLE 1107.1M/3632FT | 315159.1N 0770922.4E | |
| | 22. | TREE 1109.0M/3638FT | 315151.9N 0770927.9E | |

VIBR AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|----|--|-------------------------|
| 1. | Associated MET office | Bhunter(Kullu). |
| 2. | Hours of service Met office outside hours | HJ |
| 3. | Office responsible for TAF preparation Periods of validity | Delhi 9 HR, A/R |
| 4. | Types of landing forecast Interval of issuance | Nil |
| 5. | Briefing / consultation provided | Nil |
| 6. | Flight documentation Language(s) used | Tabular form English |
| 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 | Kullu Manali ATC and ACS. |
| 10. | Additional information (limitation of service, etc.) | Documents avbl. on request.. |

VIBR AD 2.12 RUNWAY PHYSICAL CHARACTERSTICS

| Designations RWY NR | TRUE & MAG BRG | Dimensions 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 |
| 16 | 159°00'GEO 158°30'MAG | 1052X30 | 15F/C/Y/T BITUMEN | 315251.5N 0770909.1E | THR1089/3572.8FT |
| 34 | 339°00'GEO 338°30MAG | 1052X30 | 15F/C/Y/T BITUMEN | 315219.4N 0770923.7E | THR1080/3545.6FT |
| Slope of SWY RWY- (M) | SWY dimensions (M) | CWY dimensions | Strip dimensions (M) | OFZ | Remarks |
| 7 | 8 | 9 | 10 | 11 | 12 |
| NIL | NIL | | 1173X 80 | --- | --- |
| NIL | NIL | | 1173X 80 | -- | --- |

VIBR AD 2.13 DECLARED DISTANCES

| RWY Designation | TORA (M) | TODA (M) | ASDA (M) | LDA (M) | Remarks |
|-----------------|-------------|-------------|-------------|------------|---------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 16 | 1052 | 1052 | 1052 | NU | |
| 34 | NU | NU | NU | 1052 | (NU => Not useable) |

VIBR AD 2.14 APPROACH AND RUNWAY LIGHTING

| Designations RWY | APCH LGT TYPE LEN INTST | THR LGT COLOUR WBAR | VASIS (MEHT) PAPI | TDZ,LGT LEN | RWY Centerline, LGT Length Spacing Color,INTST | RWY Edge, LGT,LEN Spacing Color,INTST |
|----------------------------------|-------------------------------------|---------------------------------------|-------------------------|----------------|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 34 | --- | --- | PAPI Left/ 2.99° | --- | --- | --- |
| RWY END LGT COLOUR WBAR | SWY LGT LEN(M) Colour | Remarks | | | | |
| 8 | 9 | 10 | | | | |
| --- | --- | PAPI 149.48M from THR. No. of units 4 | | | | |

VIBR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

| | | | |
|----|--|---|--|
| 1. | ABN/IBN location, characteristics and Hours of operation | ABN | At Tower Building, FLG W&G EV2SEC. As ATS HR |
| | | IBN | NIL |
| 2. | LDI location and LGT Anemometer location and LGT | LDI | --- |
| | | Anemometer | --- |
| 3. | TWY edge and centre line lighting | Edge | --- |
| | | Centre line | --- |
| 4. | Secondary power supply/switch-over Time | Secondary Power supply to all lighting at AD. Switch-over time 5 SEC. | |
| 5. | Remarks | Nil | |

VIBR AD 2.16 HELICOPTER LANDING AREA

Not Established

VIBR AD 2.17 ATS AIRSPACE

| | | |
|----|-----------------------------------|-------------------------------|
| 1. | Designation and lateral limits | Not established |
| 2. | Vertical limits | Not established. |
| 3. | Airspace classification | G |
| 4. | ATS unit call sign Language(s) | Kullu Manali tower English |
| 5. | Transition altitude | 23000 FT AMSL |
| 6. | Remarks | Nil |

VIBR AD 2.18 ATS COMMUNICATION FACILITIES

| Service Designator | Call sign | Frequency | Hours of operation | Remarks |
|--------------------|--------------------|-----------|--------------------|---------|
| 1 | 2 | 3 | 4 | 5 |
| TWR | Kullu Manali Tower | 122.3MHz | As ATS | NIL |

VIBR 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 transmitting antenna coordinates | Elevati on of DME trans- mitting antenna | REMARKS |
|--|--------------------------|---------------------------------|-----------------------|---|---|---------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| NDB | BNR | 334KHz | As ATS | 315254.0N 0770905.3E | - | -- |
| A/G - | KULLU MANALI RADIO | 2872 KHz 5580 KHz 8906KHz | As ATS | | | SELCAL |

VIBR AD 2.20 LOCAL TRAFFIC REGULATIONS

VIBR AD 2.21 NOISE ABATEMENT PROCEDURES

VIBR AD 2.22 FLIGHT PROCEDURES

VIBR AD 2.23 ADDITIONAL INFORMATION

VIBR AD 2.24 CHARTS RELATED TO AN AERODROME
