

AD 2. AERODROMES**VIDD AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

VIDD - SAFDARJUNG / DOMESTIC

VIDD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Aerodrome reference point coordinates and its site	283500N 0771229E 119 M (390 FT) North of intersection of runways
2	Direction and distance of aerodrome reference point from the center of the city or town which the aerodrome serves	9.5NM South of Delhi Jn. Railway Station
3	Aerodrome elevation and reference temperature	696 FT / 39.9 DEG C
4	Magnetic variation, date of information and annual change	
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	Airport Director Airports Authority of India, Safdarjung Airport, New Delhi - 110003
	Telephone:	+91-11-24640859, +91-11-24618680
	Fax:	+91-11-24693926
	AFS:	VIDDYDYX
	Email:	apdsap@aai.aero
6	Types of traffic permitted (IFR/VFR)	VFR
7	Remarks	NIL

VIDD AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	MON-FRI 0400-1230 UTC (0930-1800 IST) SAT, SUN & HOLIDAY: NIL
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	Air Traffic Service	0130 – 1330 UTC
8	Fuelling	NIL
9	Handling	NIL
10	Security	H24
11	De-icing	NIL
12	Remarks	See details in AD 2.20 Outside of ATS hour's services are available O/R with 24 HR PN to AD.
	ATS approved hourly runway traffic handling capacity	Maximum number of arrival and departure: 12 (The Minimum Spacing between two successive arrivals shall be more than 5 Minutes) Maximum number of arrival only: 06 Maximum number of departure only: 12

VIDD AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	NIL
2	Fuel and Oil types	NIL
3	Fuelling facilities and capacity	NIL

4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

VIDD AD 2.5 PASSENGER FACILITIES

1	Hotel(s) at or in the vicinity of aerodrome	NIL
2	Restaurant(s) at or in the vicinity of aerodrome	NIL
3	Transportation possibilities	NIL
4	Medical Facilities	First aid available. Hospitals available at 2 KM in city.
5	Bank and post office at or in the vicinity of aerodrome	Banks: Available Post office: Available
6	Tourist office	NIL
7	Remarks	NIL

VIDD AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	Aerodrome category for fire fighting	Within ATS HR: CAT-4
2	Rescue equipment	Power saw and RR generator
3	Capability for removal of disabled aircraft	One 2.5 tones lifting and pulling machine (available with BSF)
4	Remarks	NIL

VIDD AD 2.7 SEASONAL AVAILABILITY CLEARING

1	Type(s) of clearing equipment	NIL
2	Clearance priorities	NIL
3	Remarks	NIL

VIDD AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Designation, surface and strength of aprons	Designator: APRON Surface: Macadam Strength: PCN 9/F/C/Y/T
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2	Designation, width, surface and strength of taxiways	<p>Designator: TWY A Width: 15 M Surface: Macadam Strength: PCN 8/F/C/X/T</p> <p>Designator: TWY B VIP Apron Width: 45 M Surface: Macadam Strength: PCN 8/F/C/X/T</p> <p>Designator: TWY C Width: 15 M Surface: Macadam Strength: PCN 11/F/C/X/T</p> <p>Designator: TWY C1 Width: 15 M Surface: Macadam Strength: PCN 11/F/C/X/T</p> <p>Designator: TWY D Width: 15 M Surface: Macadam Strength: PCN 11/F/C/X/T</p>
3	Location and elevation of altimeter checkpoints	Holding Position on TWY C. Elevation 697 FT
4	Location of VOR checkpoints	NIL
5	Position of INS checkpoints	NIL
6	Remarks	

VIDD AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand identification signs, taxiway guidelines and visual docking/parking guidance system at aircraft stands	<p>Parking Stands No. 1, 2, 3 And 4 are designated as aircraft stands signs in apron. Taxiway guidelines available.</p> <p>Visual Docking/Parking Guidance System of Aircraft Stands: NA</p>
2	Runway and taxiway markings and lights	<p>RWY Markings Displaced Threshold Markings, Chevron Marking, RWY Designation Marking, Centre Line Marking, RWY Edge Line Marking, Turn Pad Marking at Beginning of RWY 12, RWY End Marking Lights ----- TWY Marking Centreline Marking, TWY Edge Marking, TWY Holding Position Marking Lights -----</p>
3	Stop bars (if any)	NIL
4	Remarks	NIL

VIDD AD 2.10 AERODROME OBSTACLES

See AD 2.23

VIDD AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Name of the associated meteorological office	Safdarjung Airport
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2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	0600-1700 UTC Monitoring H24
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	Safdarjung Airport issues nine hourly TAF every three hours from 0000-1500 UTC.
4	Availability of the trend forecast for the aerodrome and interval of issuance	Issues Met Report half hourly from 0000 - 0500 UTC and hourly upto 1300 UTC and Special Reports
5	Information on how briefing and/or consultation is provided	Yes
6	Types of flight documentation supplied and language(s) used in flight documentation	English
7	Charts and other information displayed or available for briefing or consultation	Surface and upper air weather charts, satellite imageries & NWP products.
8	Supplementary equipment available for providing information on meteorological conditions, e.g. weather radar and receiver for satellite images;	Distant Indicator Wind Equipment installed with ATC
9	The air traffic services unit(s) provided with meteorological information	VIDD Air Traffic Control Tower
10	Additional information, e.g. concerning any limitation of service.	At least two hours' time is required for preparation of Flight Forecast Documentation.

VIDD AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations	TRUE Bearings	Dimensions of RWY (M)	Strength of pavement (PCN) and associated data) and surface of runway and associated stopways	Geographical coordinates for threshold and runway end
1	2	3	4	5
12	125.50 DEG	1180 x 30 M	8/F/C/X/T Macadam	THR: 283515.00N 0771201.30E
30	305.50 DEG	1180 x 30 M	8/F/C/X/T Macadam	THR: 283459.40N 0771226.20E

THR elevation and highest elevation of TDZ of precision APP RWY	Slope of runway and associated stopway	Dimensions of stopway (M)	Dimensions of clearway (M)	Dimensions of strips (M)
6	7	8	9	10
THR: 704.0FT TDZ:		NIL	NIL	1356 x 80 M
THR: 699.0FT TDZ:		NIL	NIL	1356 x 80 M

Dimensions of runway end safety areas	Location and description of arresting system (if any)	Existence of an obstacle-free zone	Remarks.
11	12	13	14
		NIL	1. THR RWY 30 displaced by 350M (1149FT) due mobile traffic on over-bridge in approach area of RWY 30. 2. First 79M (260FT) of RWY 12 and 97 M (319FT) of RWY 30 are not available as the requisite strip width of 80M (263FT) is not available at both ends. 3. The runway length available for operational purpose is 1180M (3872FT).
		NIL	1. THR RWY 30 displaced by 350M (1149FT) due mobile traffic on over-bridge in approach area of RWY 30. 2. First 79M (260FT) of RWY 12 and 97 M (319FT) of RWY 30 are not available as the requisite strip width of 80M (263FT) is not available at both ends. 3. The runway length available for operational purpose is 1180M (3872FT).

VIDD AD 2.13 DECLARED DISTANCES

RWY Designator	Take-off run available TORA (M)	Take-off distance available TODA (M)	Accelerate distance available ASDA (M)	Landing distance available LDA (M)	Remarks (including runway entry or start point where alternative reduced declared distances have been declared)
1	2	3	4	5	6
12	1180	1180	1180	1180	
30	1180	1180	1180	830	

VIDD AD 2.14 APPROACH AND RUNWAY LIGHTING

Runway Designator	Type, length and intensity of approach lighting system	Runway threshold lights, colour and wing bars	Type of visual slope indicator system	Length of runway touchdown zone lights
1	2	3	4	5
12	NIL	NIL	NIL	NIL
30	NIL	NIL	NIL	NIL

Length, spacing, colour and intensity of runway centre line lights	Length, spacing, colour and intensity of runway edge lights	Colour of runway end lights and wing bars	Length and colour of stopway lights	Remarks
6	7	8	9	10
		NIL	NIL	NIL
		NIL	NIL	NIL

VIDD AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any)	ABN	White & green flashes, 15 rpm. available at roof of control tower building as per ATS watch hrs
		IBN	NIL
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	NIL
		Anemometer	NIL
3	Taxiway edge and taxiway centre line lights;	Edge	NIL
		Centre Line	NIL
4	Secondary power supply including switch-over time;	Secondary Power supply to VHF. Switch-over time :12 SEC.	
5	Remarks	NIL	

VIDD AD 2.16 HELICOPTER LANDING AREA

1	Geographical coordinates of the geometric centre of touchdown and lift-off (TLOF) or of each threshold of final approach and take-off (FATO) area	
2	TLOF and/or FATO area elevation:	
3	TLOF and FATO area dimensions to the nearest metre or foot, surface type, bearing strength and marking;	
4	True bearings of FATO;	
5	Declared distances available	
6	Approach and FATO lighting;	
7	Remarks	

VIDD AD 2.17 AIR TRAFFIC SERVICE AIRSPACE

1	Airspace designation, geographical coordinates and lateral limits	ATZ: Area bounded by lines joining points 283430N 0771313E; 283406N 0771255E; 283406N 0771155E; 283448N 0771055E; 283536N 0771119E to point of origin.
2	Vertical limits	1400 FT
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	Safdarjung Tower, English
5	Transition altitude	4000 FT
6	Hours of applicability	BTN 0130-1330 DAILY
7	Remarks	No flying activities permitted at Safdarjung Airport except for VIP flights and for flights undertaking repair/ maintenance of VIP aircrafts as per their annual maintenance schedule, subject to prior intimation to ATC.

VIDD AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
TWR	Safdarjung Tower	122.300 MHZ	

Logon address, as appropriate	Hours of operation	Remarks
5	6	7
	BTN 0130-1330 DAILY	NIL

VIDD AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aids, magnetic variation and type of supported operation for ILS/ MLS, basic GNSS, SBAS and GBAS, and for VOR/ILS/MLS station used for technical lineup of the aid	Identification	Frequency(ies), Channel number(s), Service provider, and reference path identifier(s) (RPI), as appropriate	Hours of operation, as appropriate;
1	2	3	4

Geographical coordinates of the position of the transmitting antenna	Elevation of transmitting antenna of DME/ elevation of GBAS reference point	Service volume radius from the GBAS reference point	Remarks
5	6	7	8

VIDD AD 2.20 LOCAL AERODROME REGULATIONS

1.A visual circuit of 700 FT AGL (1400 FT) AMSL around Safdarjung Aerodrome is available for light aircraft operating at or from Safdarjung Airport.

2.Operations at Safdarjung Airport are permitted only during the hours of day-light and in meteorological conditions specified below:

a)Ceiling not below 2000 ft.

b)Ground visibility not less than 5 KM at both Safdarjung Airport and IGI Airport.

3.a)Left-hand circuit for RWY 30 and right-hand circuit for RWY 12 shall be in use at Safdarjung Aerodrome and the aircraft shall at no time proceed South of the drain.

b) All aircraft operating to/from Safdarjung aerodrome shall avoid overflying the prohibited airspace in the North and no aircraft shall operate North of the RWY 12/30 to ensure compliance with this procedure.

c) After take-off from RWY 30, the aircraft approaching Nehru Park shall commence gradual climbing left turn and shall complete the turn not later than Niti Marg, exercising caution to avoid Akbar Hotel and NDMC Building during the turn.

4.All aircraft operating within Safdarjung Aerodrome Traffic Zone shall maintain two-way communication with Aerodrome Control Tower on Appropriate VHF Channel.

5.Pilots are warned to be extremely careful while operating from/to IGI Airport in View of small aircraft/helicopter operations from Safdarjung Airport.

6.Except official flights which may include The President of India, The Vice President of India, The Prime Minister and Union Ministers, Governors of States, Chief Ministers of States, CPMFS and Pawan Hans, no flying activity is permitted. Flights other than these are required to obtain the clearance from The Ministry of Home Affairs, Govt. Of India.

VIDD AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VIDD AD 2.22 FLIGHT PROCEDURES

NIL

VIDD AD 2.23 ADDITIONAL INFORMATION

No night operations.

In Approach/Take-off					
RWY/Area affected	Obstacle type	From RWY THR	Elevation (FT)	Marking/LGT	Remarks
1	2	3	4	5	6
30	Overbridge highest point	140 DEG/ 218 M	732	LGT	
30	Over bridge (on the extended centreline of runway)	123.50 DEG/ 192M	728	LGT	
30	Building top	113 DEG/ 585 M	727	NIL	
30	Building top	107.5 DEG / 526M	738	NIL	
30	Overhead water tank	110 DEG/ 1341 M	786	NIL	
30	Telephone pole	125.50 DEG/ 326 M	714	NIL	

30	Tree	134 DEG / 357 M	743	NIL	
12	Building top	283 DEG / 579 M	758	NIL	
12	Telephone pole	310 DEG / 763 M	768	LGT	
12	Pakistan Embassy Tomb	305.50 DEG / 1090 M	804	LGT	
Circling Area and at AD					
1	2	3	4	5	6
RWY/Area affected	Obstacle type	RELATIVE DIRECTION AND DIST. FROM ARP	Elevation (FT)	Marking/LGT	Remarks
In Circling Area and at AD	Rashtrapati Bhawan	343 DEG/ 3300 M	975	LGT	
In Circling Area and at AD	Qutab Minar	193 DEG/ 7310 M	1050	LGT	
In Circling Area and at AD	Safdarjung Tomb	037 DEG/ 700 M	830	NIL	
In Circling Area and at AD	Secretariat Building	357 DEG/ 3500 M	912	NIL	
In Circling Area and at AD	Ashoka Hotel	322 DEG/ 1700 M	866	LGT	
In Circling Area and at AD	Motibagh Gurudwara	269 DEG/ 3500 M	889	NIL	
In Circling Area and at AD	Overhead water tank	273 DEG/ 4000 M	869	NIL	
In Circling Area and at AD	Building top	282 DEG/ 2500 M	846	NIL	
In Circling Area and at AD	Bhairon Temple	303 DEG/ 1500 M	768	NIL	
In Circling Area and at AD	Lodi Tomb	051 DEG/ 1600 M	794	NIL	
In Circling Area and at AD	Telephone pole	298 DEG/ 1260 M	745	NIL	
In Circling Area and at AD	Building top	288 DEG/ 1260 M	759	NIL	
In Circling Area and at AD	NDMC Building	267 DEG/ 1500 M	876	LGT	

In Circling Area and at AD	Building top (Lodi Colony)	125 DEG/ 900 M	739	NIL	
In Circling Area and at AD	Building top (DDA Flats)	128 DEG/ 1010 M	726FT	NIL	
In Circling Area and at AD	Overhead water tank (DDA Flats)	117 DEG/ 1750 M	786	LGT	
In Circling Area and at AD	Overhead water tank (INA Colony)	150 DEG/ 1300 M	819	NIL	
In Circling Area and at AD	Hoarding	144 DEG/ 685 M	742	NIL	
In Circling Area and at AD	Akbar Bhawan	272 DEG/ 1600 M	933	LGT	
In Circling Area and at AD	W.T. Mast NDB	237 DEG/ 2600 M	906	LGT	
In Circling Area and at AD	Chimney	226 DEG/ 1900 M	811	NIL	
In Circling Area and at AD	Telephone Pole	135 DEG/ 7700 M	714	NIL	

VIDD AD 2.24 CHARTS RELATED TO AN AERODROME

NIL