

TEL: 91-11-24632950 Extn: 2219/2233 AFS: VIDDYXAX FAX: 91-11-24615508 E_mail:- gmais@aai.aero	AERONAUTICAL INFORMATION SERVICES AIRPORTS AUTHORITY OF INDIA RAJIV GANDHI BHAVAN SAFDARJUNG AIRPORT NEW DELHI - 110003	10/2008
		17 JANUARY 2008

File No. AAI/NAD/09-09/03/AIP-SUPP (Part-AIS)

Following supplement is issued for information, guidance and necessary action.



K. RAMALINGAM
CHAIRMAN

AIRPORTS AUTHORITY OF INDIA

[W.E.F 0803151800]

AD 2. AERODROMES

VOHS 2.1 AERODROME LOCATION INDICATOR AND NAME

VOHS- RAJIV GANDHI INTERNATIONAL AIRPORT / INTERNATIONAL

VOHS AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1.	ARP coordinates and site at AD	171426N 0782544E North of PTB.
2.	Direction and distance from (city)	Bearing 210°/20 KM from Husain Sagar Radial 192°/12 NM from HHY
3.	Elevation/Reference temperature	ARP elevation 603 M (1978 ft) and Aerodrome elevation 617 M (2024ft)/ 39°C
4.	MAG VAR/Annual change	01°15" West (1995)/2° E
5.	AD Administration, AD Address, telephone, Telefax, telex, AFS	Operator GMR. Hyderabad International Airport Ltd. Shamshabad, Ranga Reddy- Dist Andhra Pradesh. PIN-501218 Telephone: 040-24008201 FAX : 040-24008256 E-Mail : nair.ps@gmrgroup.in ATC Services: Airport Director :Airports Authority of India Shamshabad, Ranga Reddy- Dist Andhra Pradesh. PIN-501218 Telephone: 08413240454 FAX : 040-24008256
6.	Types of traffic permitted (IFR/VFR)	IFR/VFR
7.	Remarks	Nil

VOHS AD 2.3 OPERATIONAL HOURS

1.	AD Administration	Mon to Fri : 0900-1800IST Sat : 0900-1300IST Sun & Hol : Nil
2.	Custom and immigration	H24
3.	Health and sanitation	H24
4.	AIS Briefing office	H24
5.	ATS Reporting Office(ARO)	H24
6.	MET Briefing office	H24
7.	ATS	H24
8.	Fuelling	H24
9.	Handling	H24 Prior Arrangement
10.	Security	H24
11.	De-icing	Not Applicable
12.	Remarks	Nil

VOHS AD 2.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	By Hyderabad Menzies Air Cargo Private Ltd.
2.	Fuel/oil types	JET A1
3.	Fuelling facilities/Capacity	Hyderant and bowzer (09 Dispensers + 02 Refuellers)
4.	De-icing facilities	Nil
5.	Hanger space for visiting aircraft	Nil
6.	Repair facilities for visiting aircraft	By prior Arrangement
7.	Remarks	Nil

VOHS AD 2.5 PASSENGER FACILITIES

1.	Hotels	Novotel Business Brand Hotel with 305 rooms at a distance of 2.75km from PTB and hotels in Hyderabad city.
2.	Restaurants	Level C : KFC, Pizza Hut, Coffee Bean, Indian, Chinese, Continental. Level D : Cafe Coffee Day Level F : Bollywood Bar, Sports Bar, Pizza Hut, KFC Level B : Canteen (for Employees of GMR & Airlines) Duty Free shops: Total 4 (Level D1, level E1 and level F2)
3.	Transportation	Taxi and Bus services,
4.	Medical Facilities	24 hrs Medical and Dental Facilities provided by Apollo Hospital Enterprises Limited (One full fledged medical centre housing minimum 17 beds),

		fledged medical centre housing minimum 17 beds), First Aid counters at Level D, E and F.
5.	Bank and post office	Canara Bank at Level- C Total 8 ATMs are provided (level C 1, level D 3 and level F 4) Foreign exchange counters –Total8(Level F 4, Level E 2 and Level D2)
6.	Tourist office	APTDC (Andhra Pradesh Tourism Development Corporation at Level D)
7.	Remarks	Nil

VOHS AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	AD category for fire fighting	Cat 10
2.	Rescue equipment	AVBL. as per category.
3.	Capability for removal of disabled aircraft	With prior arrangement with Air India Mumbai.
4.	Remarks	Nil

VOHS AD 2.7 SEASONAL AVAILABILITY – CLEARING

Nil

VOHS AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	Surface	Rigid
		Strength	See AD 2.23
2.	Taxiway width, surface and strength	Width	See AD 2.23
		Surface	See AD 2.23
		Strength	See AD 2.23
3.	ACL and elevation	Location	All aircraft stands on the passenger terminal apron.
		Elevation	
4.	VOR/INS checkpoints	VOR	At runway holding positions on A1, A2, A3, A8 and A9.
		INS	
5.	Remarks	Nil	

**VOHS 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	<p>Aircraft Stand ID signs: All stands are provided with stand identification sign and straight lead-in lines</p> <p>Taxiing guidance signage are provided at all intersections and straight sections as recommended by ICAO annex..14 .</p> <p>Air Bridges: 12 -Stand No.1, 50 to 53, 54L, 54R, 55L, 55R, 56L, 56R & Bay no 94.</p> <p>Visual Docking Guidance Systems: 25 From Bay no. 45 to Bay No. 53, 54L, 54, 54R, 55L, 55, 55R, 56L, 56, 56R, 57 , 57R, 58, 58R, 94, 01 & 02.</p>		
2.	RWY and TWY markings and LGT	RWY	Marked	Designation, THR, TDZ, Centerline, Aiming Point and Side stripe
			Lighted	Threshold, Edge, Centerline and Runway End lights
		TWY	Marked	Centerline, Taxiway edge marking, taxiway holding positions and intermediate holding position markings at intersections.
			Lighted	TWY 'A', links from A1 to A10, B3, B4 and B5 with centre line and edge lights (elevated). Link taxiways' B1, B2, B6, K to K3 and M with only Edge lights.
3.	Stop bars	<p>Not Provided</p> <p>Guard Lights: At every runway holding position point both sides of taxiway with a pair of elevated alternate flashing yellow lights facing the taxiways.</p>		
4.	Remarks	Surface Movement Guidance and Control radar has been provided.		

VOHS AD 2.10 AERODORME OBSTACLES

In approach /TKOF areas			In circling area and at AD		Remarks
1.			2.		
RWY/ Area affected	Obstacle type	Elevation	Obstacle type		
	Marking/LGT	Coordinates	Marking/LGT	Coordinates	
a	b	c	a	b	
ATC Tower	678M	171406.009N 0782518.006E			

VOHS AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1.	Associated MET office	IMD , Hyderabad
2.	Hours of service Met office outside hours	H24
3.	Office responsible for TAF preparation Periods of validity	Hyderabad (VOHY) 09 & 24 Hours.
4.	Types of landing forecast Interval of issuance	Trend H24. Half hourly
5.	Briefing / consultation provided	H24
6.	Flight documentation Language(s) use	Tabular & Chart English
7.	Charts and other information available For briefing or consultation	Upper winds FL 050, 100, 140, 180, 240, 300, 340, 390, 450 (U85, U70, U60, U50, U40, U30, U25, U20, U15, U10) SW (Upto FL630)
8.	Supplementary equipment available for Providing information	Tele Fax , Internet.
9.	ATS units provided with information	Hyderabad ATC and ACS.
10.	AD Additional information (limitation of service, etc.)	RVR, METAR display system proposed.

VOHS AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE & MAG BRG	Dimension s 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
09	090°	4260X60M	77/F/B/W/T 88/R/B/W/T (Concrete portion of the beginning of RWY)	171342N 0782445E	THR: 600M TDZ: 602M
27	270°	4260X60M	77/F/B/W/T 88/R/B/W/T (Concrete portion of the beginning of RWY)	171342N 0782717E	THR: 617M TDZ: 617M
Slope of RWY-SWY	SWY dimen sions (M)	CWY dimensio ns (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0.029% (Min) 0.95% (Max) from RWY 09 towards RWY27 transverse 1.50% (throughout)	---	---	4380X300M	Existing	
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VOHS AD 2.13 DECLARED DISTANCES

RWY Designation	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
09	4260	4260	4260	4260	RESA 150X285M
27	4260	4260	4260	4260	RESA 150X285M

VOHS AD 2.14 APPROACH AND RUNWAY LIGHTING

Designations RWY	APCH LGT TYPE LEN INTS T	THR LGT COLOUR R 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
09	CAT-I 900M	Green	PAPI Left / 3° 22.5M		60M 30M	
27	CAT-I 900M	Green	PAPI Left / 3° 22.5M		60M 30M	
RWY END LGT COLOUR WBAR	SWY LGT LEN(M) Colour	Remarks				
8	9	10				
Red						
Red						

VOHS AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1.	ABN/IBN location, characteristics and Hours of operation	ABN	On top of ATC Tower, 24FPM, white and green , 400,000cd. H24 Nil
		IBN	

2.	LDI location and LGT Anemometer location and LGT	LDI	Illuminated, white light between runway and taxiway, in front of PTB. 140M From the runway centre line [171348.57N 782548.14E] Horizontal and perpendicular segment are of 4 M Length with 11 lights each spaced equidistant. Each bulb is of 50W halogen with white lens. WDI: Two.(i) North of 27 and 09 ends. Colors: Orange & white bands & Illuminated
		Anemometer	
3.	TWY edge and centre line lighting	Edge	Elevated blue lights placed at 3 m from taxiway edge. The lateral distance between lights are 60M on straight section and on curved portion varies on the radius of the curve.
		Centerline	Insert bidirectional green lights with gap of 15 m on links are unidirectional lights on RETs.
4.	Secondary power supply/switch-over Time	DG power as standby. 15 Sec switchover time critical circuits with UPS for zero percent switchover time (Threshold/End/Rwy centre line /Edge lights)	
5.	Remarks	Nil	

VOHS AD 2.16 HELICOPTER LANDING AREA

Not Established

VOHS AD 2.17 ATS AIRSPACE

1.	Designation and lateral limits	CTR bounded by coordinates 175543.6N 0775535.4E then along anticlockwise arc of 50NM centered at "HIA" VOR 171340.1N 0782420.9E to 175003.6N 0774755.5E to 174303.7N 0775355.5E then along the anticlockwise arc of 25NM radius with centred at 175503.6N 0772955.6E to 172838.7N 0773410.6E then along anticlockwise arc of 50NM centered at "HIA" VOR 171340.1N 0782420.9E to 175543.6N 0775535.4E.
2.	Vertical limits	SFC to FL100

3.	Airspace classification	D
4.	ATS unit call sign Language(s)	Hyderabad Tower English.
5.	Transition altitude	7000FT MSL
6.	Remarks	Nil

VOHS AD 2.18 ATS COMMUNICATION FACILITIES

Service Designator	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
SMC		121.850MHz	H24	5NM coverage
Clearance Delivery		121.625MHz	H24	5NM coverage
Tower		118.450MHz	H24	25NM Coverage
Approach		120.250MHz 125.550MHz	H24	75NM Coverage
ATIS		126.475MHz	H24	75NM Coverage
Area Control		128.350MHz 120.950MHz	H24	200NM Coverage
Emergency		121.5MHz	H24	50NM Coverage

VOHS 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	Elevation of DME trans- -mitting antenna	Remarks
1	2	3	4	5	6	7
DVOR		113.8 MHz	H24	171340N 0782420.9E	600M	150NM Coverage
DME	HIA	1172/1109 MHz	H24	171340N 0782420.9E	605M	150NM Coverage
ILS LLZ09	IHBD	108.5 MHz	H24	171345.1N 0782725.2E	617M	25NM Coverage
ILS GP09		329.9 MHz	H24	171339.1N 0782455.6E	614M	10NM Coverage
ILS DME09		983/1046 MHz	H24	171339.1N 0782455.6E	614M	25NM Coverage
ILS LLZ27	ISAM	110.9 MHz	H24	171342.7N 0782431.3E	604M	25NM Coverage
ILS		330.8 MHz	H24	171340.8N	630M	10NM

GP27				0782700.5E		Coverage
ILS DME27	HIA	1007/1070	H24	171340.8N 0782700.5E	630M	25NM Coverage
PSR		2777	H24	171451.3N 0782628.1E		60NM coverage
MSSR		1030/1090	H24	171451.3N 0782628.1E	638M	200NM Coverage
SMR		9375	H24	171331.19N 0782605.79E	615.669M	60NM Coverage

VOHS AD 2.20 LOCAL TRAFFIC REGULATIONS

VOHS AD 2.21 NOISE ABATEMENT PROCEDURES

VOHS AD 2.22 FLIGHT PROCEDURES

VOHS AD 2.23 ADDITIONAL INFORMATION

PARKING STANDS

STAND.No.	Surface	Strength (PCN)	Co-Ordinates	Remarks
1	Rigid	62/R/C/W/T	171408.48N 0782552.27E	
2	Rigid	62/R/C/W/T	171408.54N 0782557.12E	
3	Rigid	62/R/C/W/T	171408.52N 0782555.22E	
4	Rigid	62/R/C/W/T	171408.54N 0782556.68E	
5	Rigid	62/R/C/W/T	171408.56N 0782558.16E	
6	Rigid	62/R/C/W/T	171408.57N 0782559.63E	
7	Rigid	62/R/C/W/T	171408.59N 0782601.10E	
8	Rigid	62/R/C/W/T	171408.61N 0782602.57E	
9	Rigid	62/R/C/W/T	171408.63N 0782604.04E	
10	Rigid	62/R/C/W/T	171408.65N 0782605.51E	
11	Rigid	62/R/C/W/T	171408.67N 0782606.99E	
12	Rigid	62/R/C/W/T	171408.69N 0782608.46E	
40	Rigid	88/R/C/W/T	171403.65N 0782608.53E	
41	Rigid	88/R/C/W/T	171403.56N 0782641.77E	
42	Rigid	88/R/C/W/T	171403.61N 0782605.58E	
43	Rigid	88/R/C/W/T	171403.60N 0782604.11E	

44	Rigid	88/R/C/W/T	171403.58N 0782602.64E	
45	Rigid	88/R/C/W/T	171403.56N 0782641.77E	
46	Rigid	88/R/C/W/T	171403.54N 0782559.70E	
47	Rigid	88/R/C/W/T	171403.52N 0782558.23E	
48	Rigid	88/R/C/W/T	171403.50N 0782556.75E	
49	Rigid	88/R/C/W/T	171403.48N 0782555.28E	
50	Rigid	88/R/C/W/T	171403.46N 0782553.81E	
51	Rigid	88/R/C/W/T	171403.45N 0782552.34E	
52	Rigid	88/R/C/W/T	171403.86N 0782550.71E	
53	Rigid	88/R/C/W/T	171403.58N 0782548.94E	
53R	Rigid	88/R/C/W/T	171403.24N 0782549.09E	
54	Rigid	88/R/C/W/T	171403.95N 0782546.82E	
54L	Rigid	88/R/C/W/T	171403.20N 0782546.34E	
54R	Rigid	88/R/C/W/T	171404.15N 0782547.69E	
55	Rigid	88/R/C/W/T	171403.92N 0782544.11E	
55L	Rigid	88/R/C/W/T	171403.15N 0782543.38E	
55R	Rigid	88/R/C/W/T	171404.27N 0782544.73E	
56	Rigid	88/R/C/W/T	171403.88N 0782541.15E	
56L	Rigid	88/R/C/W/T	171403.11N 0782540.41E	
56R	Rigid	88/R/C/W/T	171404.24N 0782541.77E	
57	Rigid	88/R/C/W/T	171403.85N 0782538.27E	
57L	Rigid	88/R/C/W/T	171403.08N 0782537.57E	
57R	Rigid	88/R/C/W/T	171404.04N 0782538.93E	
58	Rigid	88/R/C/W/T	171403.81N 0782535.43E	
58L	Rigid	88/R/C/W/T	171403.04N 0782534.73E	
58R	Rigid	88/R/C/W/T	171404.00N 0782536.09E	
59	Rigid	88/R/C/W/T	171403.20N 0782533.26E	
90	Rigid	62/R/C/W/T	171408.24N 0782533.19E	
91	Rigid	62/R/C/W/T	171408.25N 0782534.66E	
92	Rigid	62/R/C/W/T	171408.27N 0782536.13E	
93	Rigid	62/R/C/W/T	171408.29N 0782537.60E	
94	Rigid	62/R/C/W/T	171408.31N 0782539.07E	
ISOLATION	Rigid	60/R/C/W/T	171406.17N 0782656.10E	
CARGO 1	Rigid	60/R/C/W/T	171403.15N 0782514.42E	
CARGO 2	Rigid	60/R/C/W/T	171403.50N 0782513.77E	
CARGO 3	Rigid	60/R/C/W/T	171403.30N 0782512.82E	
CARGO 4	Rigid	60/R/C/W/T	171403.11N 0782511.35E	
MRO 1	Rigid	30/R/C/W/T	171403.54N 0782656.13E	
MRO 2	Rigid	30/R/C/W/T	171404.86N 0782656.10E	
MRO 3	Rigid	30/R/C/W/T	171406.17N 0782656.10E	

Size of South Apron (Stand 40 to 59)

1083X84M

Size of North West Apron (Stand 90 to 94)

241X58M

Size of North East Apron (Stand 01 to 12) 545X58M
 Size of Cargo Apron 190X113M
 Size of Maintenance Apron 195X 130M

TAXIWAY

Designation	Length/ Width (M)	PCN	Coordinates	Remarks
A	4395/45	77/F/B/W/T	171351.12N 0782556.85E	
A1	427/25	77/F/B/W/T	171348.40N 0782711.41E	
A2	225/25	77/F/B/W/T	171348.22N 0782657.31E	
A3	225/25	77/F/B/W/T	171347.94N 0782634.91E	
A4	499/25	77/F/B/W/T	171347.81N 0782624.67E	RET
A5	499/25	77/F/B/W/T	171347.58N 0782606.83E	RET
A6	482/25	77/F/B/W/T	171347.30N 0782544.68E	RET
A7	482/25	77/F/B/W/T	171347.10N 0782529.43E	RET
A8	225/25	77/F/B/W/T	171346.99N 0782520.50E	
A9	225/25	88/R/C/W/T	171346.57N 0782448.05E	
A10	281/25	88/R/C/W/T	171346.53N 0782444.76E	
B1	82/25	69/F/B/W/T	171353.76N 0782701.30E	ISOLATION BAY
B2	327/18	69/F/B/W/T	171357.22N 0782657.19E	MRO
B3	297/25	77/F/B/W/T	171357.19N 0782613.05E	PTB
B4	272/25	77/F/B/W/T	171355.51N 0782553.79E	PTB
B5	272/25	77/F/B/W/T	171355.31N 0782538.22E	PTB
B6	175/25	77/F/B/W/T	171353.49N 0782520.41E	CARGO
E	1130/25	77/F/B/W/T	171400.95N 0782552.49E	CARGO
K	365/25	62/F/B/W/T	171405.79N 0782612.92E	
K1	365/18	62/F/B/W/T	171405.75N 0782610.13E	
K2	646/18	62/F/B/W/T	171410.90N 0782601.06E	
K3	586/18	62/F/B/W/T	171412.34N 0782601.04E	
M	596/18	62/F/B/W/T	171410.34N 0782532.28E	

RWY 09/27 WILL REMAIN CLOSED FOR AIRCRAFT OPERATIONS DUE TO MAINTANCE ON ALL TUESDAYS BTN 0800 AND 1000 UTC (1330-1530IST)

VOHS AD 2.24 CHARTS RELATED TO AN AERODROME
