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		31 st JULY 2008

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

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



K. RAMALINGAM
CHAIRMAN
AIRPORTS AUTHORITY OF INDIA

[Effective date to be notified by G-SERIES NOTAM]

VOR (114.6 DIG) PROCEDURE RWY 29 – Delhi Airport (DME REQUIRED)

(All radials and distances are from VOR (116.1 DPN) unless otherwise specified)

1. Holding Procedures:-
 - 1.1 SIKANDARABAD VOR DME (112.4 SSB) One-Minute Right Hand Pattern, Inbound Track 288 Deg M. Minimum Holding Level FL65, Maximum Holding Level FL140
 - 1.2 SAKRAS VOR DME (117.2 SKA) One-Minute Right Hand Pattern. Inbound Track 006 Deg M. Minimum Holding Level FL65.
 - 1.3 SAMPLA VOR DME (117.0 SAM) One-Minute Left Hand Pattern. Inbound Track 136 Deg M. Minimum Holding Level FL65.

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| 1.4 | CHHILERKI VOR DME
(116.8 CHI) | One-Minute Left Hand Pattern. Inbound Track 060 Deg M. Minimum Holding Level FL65. |
| 2. Procedure: | | |
| 2.1 | From SIKANDARABAD
VOR DME (112.4 SSB) | Proceed on track 295 Deg M (R-295 SSB) maintain FL65, crossing 10D (SSB) descend to 2600 feet, establish final approach track 280 Deg M (R-100 DIG). At FAF 6.5D descend to MDA/H. |
| 2.2 | From SAKRAS VOR DME
(117.2 SKA) | Leave VOR (SKA) to establish R-186 DPN, maintain FL65.
Passing IAF 16D turn right to fly DME ARC of 14D, Crossing R-177 descend to 2600 feet. Crossings lead radial (R-113), turn left to establish final approach track 280 Deg M (R-100 DIG). At FAF 6.5D descend to MDA/H. |
| 2.3 | From SAMPLA VOR DME
(117.0 SAM) | Leave VOR(SAM) to establish R-316 DPN, maintain FL65. Passing IAF 16D turn right to fly DME ARC of 14D, crossing R-177 descend to 2600 feet. Crossing lead radial (R-114), turn left to establish final approach track 280 Deg M (R-100 DIG). At FAF 6.5D descend to MDA/H. |
| 2.4 | From ATS routes W10N /
W33N / L760N (R-162) | After passing IAF 16D turn right to fly DME ARC of 14D and descend to 2600 feet, crossing lead radial (R-114) turn left to establish final approach track 280 Deg M (R-100 DIG). At FAF 6.5D descend to MDA/H. |
| 2.5 | From CHHILERKI
(116.8 CHI) | Leave VOR (CHI) to establish R-240 (DPN), maintain FL65. Passing IAF 16D turn right to fly DME ARC of 14D, crossing R-177 descend to 2600 feet. Crossing lead radial (R-114) turn left to establish final approach track 280 Deg M (R-100 DIG). At FAF 6.5D descend to MDA/H. |
| 2.6 | From ATS Route
W20N (R-177) | After passing IAF 16D turn right to fly DME ARC of radius 14D and descend to 2600 feet. Crossing lead radial (R-114) turn left to establish final approach track 280 Deg M (R-100 DIG). At FAF 6.5D descend to MDA/H. |

3. IF 14.3D (DIG)
Altitude over IF 2600 feet
FAF 6.5D (DIG)
Altitude over FAF 2600 feet
Descent Gradient 5.2%
4. OCA Straight-in 1300 feet

Visual Circling
Cat A/B 1470 feet
Cat C/D 1570 feet

Note: Visual Circling North of Runway is not permitted.

5. MAPt. VOR (114.6 DIG)
6. Missed Approach Procedure Turn left on heading 250 Deg M climbing to 2600 feet. Then proceed to CHHILERKI VOR DME (116.8 CHI), crossing 8D (CHI) climb to FL65 to join holding procedure or as instructed by ATC.
Note: No turn before 2D (DIG).

7.1 Distance VOR-DME (DIG) / Altitude Information

Distance (NM)	6.5D	6D	5D	4D	3D
Altitude (Feet)	2600	2460	2150	1830	1510

7.2 Rate of Descent / Ground Speed Information:

Ground Speed (Kt)	80	100	120	140	160	180
Rate of Descent (Feet/min)	405	505	610	710	810	910

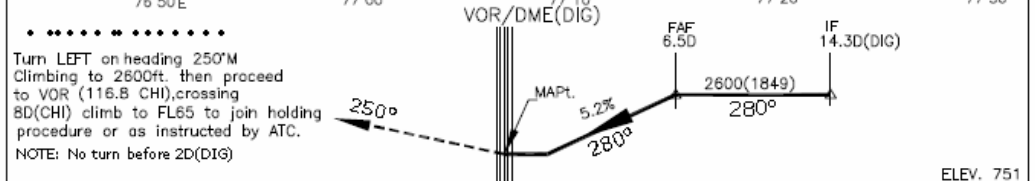
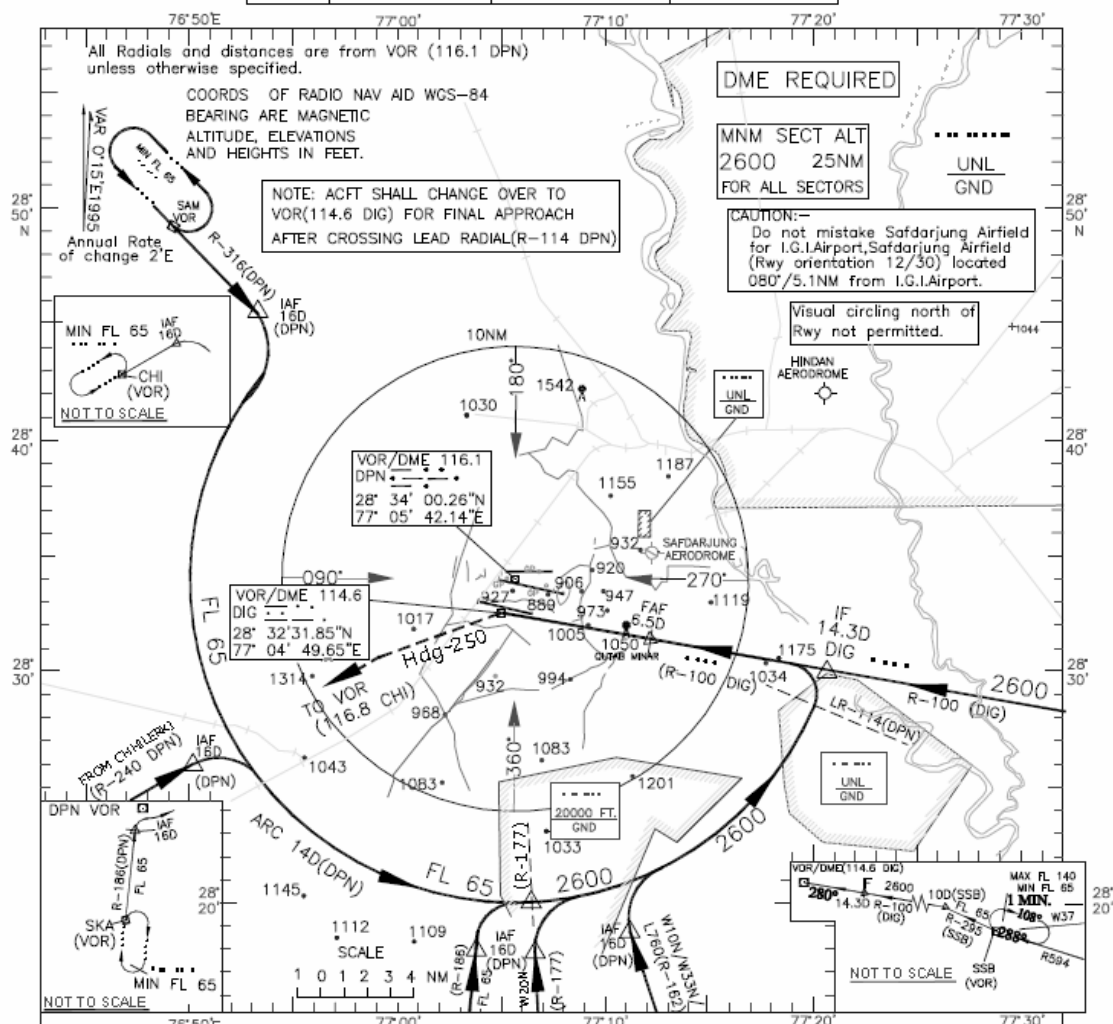
8. M.S.A. 2600 feet in all Sectors

INSTRUMENT
APPROACH
CHART

AERODROME ELEV. 777ft.
HEIGHTS RELATED TO
THR RWY 29-ELEV.751ft

DELHI
INDIA
VOR RWY 29

SMC	TWR	APP ARR	APP DEP
121.625	118.250, 118.825	121.350, 124.250	124.600, 125.675



NAUTICAL MILES FROM THR RWY 29				Distance VOR-DME (DIG) Altitude information				
O. C. A.				Altitude information				
CATEGORY OF AIRCRAFT				Altitude (ft.)				
STRAIGHT-IN				1300	1300	2600	2460	2150
VISUAL CIRCLING				1470	1570	2600	2460	2150
				Rate of Descent / Ground speed information				
				Ground speed (kt.)				
				Rate of descent (ft/min)				
				80	100	120	140	160
				405	505	610	710	810
				910				
AERODROME OPERATING MINIMA				CATEGORY A				
				CATEGORY B				
				CATEGORY C				
				CATEGORY D				
NORMAL MINIMA				ALS	ALS OUT	ALS	ALS OUT	ALS
RESTRICTED MINIMA				1600	2400	1600	2400	2400
NORMAL CIRCLING MINIMA				2000	2800	2000	2800	3200
RESTRICTED CIRCLING MINIMA				2000	2800	2800	3600	3200
				3600	3600	3600	4400	4800
				3600	3600	3600	5000	5000

DRG. NO. AAI/21-IALC/08/28.07.08