

AIP SUPPLEMENT

TEL: 91-11-24632950 Extn: 2219/2233 AFS: VIDDYXAX FAX: 91-11-24615508 E_mail:- gmais@aai.aero	INDIA AERONAUTICAL INFORMATION SERVICES AIRPORTS AUTHORITY OF INDIA RAJIV GANDHI BHAVAN SAFDARJUNG AIRPORT NEW DELHI – 110003	18/ 2009
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File No. AAI/ATM/AIS/ 09-09/ 2009

ILS CAT II/III Procedure Rwy 11 - Delhi Airport has been promulgated vide G0222/08. Following Supplement is issued providing the detailed procedure and the Instrument Approach chart along with the operating minima for information, guidance and necessary action.



V.P. AGRAWAL
CHAIRMAN

AIRPORTS AUTHORITY OF INDIA

[Effective Date : 20 February 2009]

SUBJECT : ILS (CAT II/III) PROCEDURE RWY 11 – 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 FL 140.
1.2	SAKRAS VOR DME(117.2 SAK)	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.
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)	Leave VOR (SSB) to establish R-107(DPN), maintain FL65. After passing IAF 15D turn left to fly DME ARC of 13D, passing R-213 descend to 2600 feet. Crossing lead radial (R-267) turn right to intercept localizer (111.3 IDMR) inbound track 103 Deg M. Descend on glide path to DA/H.
2.2	From SAKRAS VOR DME(117.2 SAK)	Leave VOR(SKA) to establish R-186 DPN, maintain FL65. After passing IAF 15D turn left to fly DME ARC of 13D, passing R-213 descend to 2600 feet. Crossing lead radial (R-267) turn right to intercept localizer (111.3 IDMR) inbound track 103 Deg M. Descend on glide path to DA/H.
2.3	From SAMPLA VOR DME(117.0 SAM)	Leave VOR(SAM) to establish R-316(DPN) and descend to 2600 feet, passing IAF 15D turn right to fly DME ARC of 13D. Crossing lead radial (R-286) turn left to intercept localizer (111.3 IDMR) inbound track 103 Deg M. Descend on glide path to DA/H.
2.4	From CHHILERKI VOR DME(116.8 CHI)	Leave VOR (CHI) to establish R-240(DPN), maintain FL65), passing 20 D (DPN) descend to 2600 feet. After passing IAF 15D turn left to fly DME ARC of 13D. Crossing lead radial (R-267) turn right to intercept localizer (111.3 IDMR) inbound track 103 Deg M. Descend on glide path to DA/H.
2.5	From ATS Route W20N (R-177)	After passing IAF 15D turn left to fly DME ARC of 13D, passing R-213 descend to 2600 feet, crossing lead radial (R-267) turn right to intercept localizer (111.3 IDMR) inbound track 103 Deg M. Descend on glide path to DA/H.
2.6	From ATS routes W10N / W33N / L760N (R-162)	After passing IAF 15D turn left to fly DME ARC of 13D, passing R-213 descend to 2600 feet, crossing lead radial (R-267) turn right to intercept localizer (111.3 IDMR) inbound track 103 Deg M. Descend on glide path to DA/H.
3.	IF Altitude over IF Altitude at 4D (ILS DME) Altitude at 1D (ILS DME) Glide Path Angle ILS RDH	12.1D (ILS DME) 2600 feet 2000 feet 1040feet 3 Deg 50 feet

4.	OCA (ft)		DH(ft)	RVR(M)
	CAT II	824	100	350
	CAT IIIA	NA	50	200
	CAT IIIB	NA	NA	50
RA 102				
5.	Missed Approach Procedure		Climb straight ahead, at 1.5D (ILS DME) after the threshold turn right heading 140 deg M to establish R-125 (114.6 DIG) climbing to 2600 feet. Crossing 16D (DIG) turn left to proceed to VOR (112.4 SSB) via R-270 (SSB). Crossing 16D (SSB) climb to FL65 to join holding procedure or as instructed by ATC.	
6.	MSA		2600 feet in all sectors.	

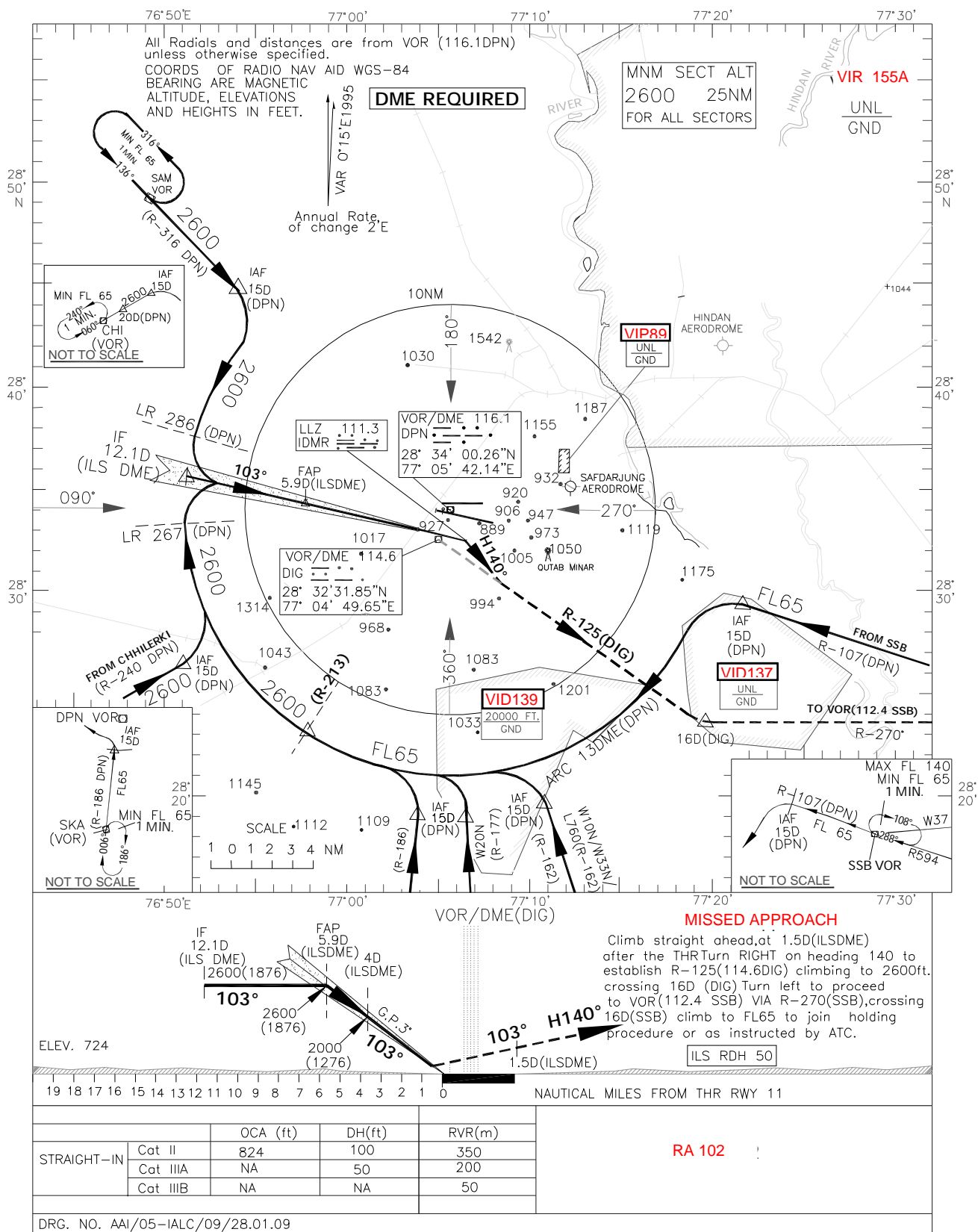
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INSTRUMENT
APPROACH
CHART

AERODROME ELEV. 777ft.
HEIGHTS RELATED TO
THR RWY 11 ELEV.724ft

DELHI
INDIA
ILS (CAT-II/IIIA/IIIB) RWY 11

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



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