AD 2. AERODROMES

VEIM AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VEIM - IMPHAL / INTL

VEIM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Aerodrome reference point coordinates and its site	244551N 0935358E 221.75 DEG/812.5M from THR22	
2	Direction and distance of aerodrome reference point from the center of the city or town which the aerodrome serves	225 DEG/7KM from Imphal city	
3	Aerodrome elevation and reference temperature	2540 FT / 32.0 DEG C	
4	Magnetic variation, date of information and annual change	0.58 DEG W (2010) /0.016 DEG W	
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	The Airport Director Airports Authority of India, Imphal Airport, Tulihal, Imphal - 795140	
		Telephone:	+91-385-2455138 +91-385-2455153 +91-9436237721
		Fax:	+91-385- 2455076 +91-385-2455153 +91-385-2455138
		AFS:	VEIMYDYX
		Email:	apdimphal@aai.aero
6	Types of traffic permitted (IFR/VFR)	IFR/VFR	
7	Remarks	NIL	

VEIM AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	MON-FRI 0400-1230 UTC (0930-1800 IST) SAT, SUN+HOL: NIL	
2	Custom and immigration	HO	
3	Health and sanitation	One doctor and a staff nurse is provided by Manipur Health Department, Govt of Manipur at terminal building during operation hours	
4	AIS briefing office	As ATS	
5	ATS reporting office (ARO)	As ATS	
6	MET Briefing office	As ATS	
7	Air Traffic Service	Consult NOTAM For Current ATS HR.	
8	Fuelling	As ATS	
9	Handling	As ATS	
10	Security	As ATS	
11	De-icing	NIL	
12	Remarks	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 (minimum spacing between two successive arrivals shall be more than five minutes) Maximum number of arrival only – 06 Maximum number of departure only -10

VEIM AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	With Prior Arrangement with Local Airlines
2	Fuel and Oil types	JET A1
3	Fuelling facilities and capacity	4 Bowsers Capacity 11KL,09KL,16 KL, 06 KL (IOCL) and 1 bowser for BPCL of 15 KL
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	Refueling facility AVBL at Imphal for Airlines operator. Only sector fuel will be provided.

VEIM AD 2.5 PASSENGER FACILITIES

1	Hotel(s) at or in the vicinity of aerodrome	In the City
2	Restaurant(s) at or in the vicinity of aerodrome	In city only
3	Transportation possibilities	Taxi /Car on Hire from AD.
4	Medical Facilities	First aid At AD. Hospitals in City.
5	Bank and post office at or in the vicinity of aerodrome	Banks: In the city Post office: 0930-1600 IST, except Sun & Holiday.
6	Tourist office	AVBL 1000-1500 IST, except Sun & Holiday
7	Remarks	NIL

VEIM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	Aerodrome category for fire fighting	Within ATS HR: CAT-7
2	Rescue equipment	Available as per category.
3	Capability for removal of disabled aircraft	Tow bar AVBL with Air India
4	Remarks	

VEIM AD 2.7 SEASONAL AVAILABILITY CLEARING

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

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

1	Designation, surface and strength of aprons	Designator: APRON Surface: Concrete Strength: PCN 28/R/B/W/T

2	Designation, width, surface and strength of taxiways	Designator: TWY A Width: 23 M Surface: Concrete Strength: Designator: TWY B Width: 23 M Surface: Macadam Strength: Designator: TWY C Width: 23 M Surface: Concrete Strength: Designator: TWY D Width: 23 M Surface: Macadam Strength:
3	Location and elevation of altimeter checkpoints	Location : At Apron Elevation: 2540 FT
4	Location of VOR checkpoints	NIL
5	Position of INS checkpoints	NIL
6	Remarks	1.Four aircraft stands available: i.Stand 1 for ATR 42/ATR 72. ii.Stands 2 &3 for A320 iii.Stand 4 for A300. iv.All aircraft stands are Power-In and Power Out. 2.Three aircraft can be parked simultaneously due configuration of aircraft stands. 3.Limitation & Restriction: i.The aircraft parked at Stand No. 1 cannot taxi out when Stand No. 2 is occupied. ii.When Stand No. 1 occupied, ACFT cannot Taxi-in to Stand No. 2. 4.Apron lights for stands 1 and 2 are available. 5.Prior approval to be taken before releasing any aircraft due shortage of aircraft stands.

VEIM 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	Taxiing guidance provided on RTF Guidelines at Apron.
2	Runway and taxiway markings and lights	RWY Markings: Designation, THR, TDZ, Centreline, Edge, RWY End. RWY Lights: Edge, RWY End, THR TWY Markings: Centreline, Holding Positions TWY Lights: Edge
3	Stop bars (if any)	NIL
4	Remarks	NIL

VEIM AD 2.10 AERODROME OBSTACLES

In Approach/Take-off/Circling Area and at AD					
1	**2**	**3**	**4**	**5**	**6**
RWY/Area affected	Obstacle type	Coordinates	Elevation	Marking/LGT	Remarks
22/APCH 04/TKOF	TREE	244641.0N 0935433.2E	2611 FT	NIL	TREE
22/APCH 04/TKOF	POLE	244624.7N 0935419.3E	2560 FT	NIL	ELECT.POLE
22/APCH 04/TKOF	POLE	244751.1N 0935613.3E	2750 FT	NIL	MAST
22/APCH 04/TKOF	TREE	244623.7N 0935419.1E	2592 FT	NIL	TREE
22/APCH 04/TKOF	POLE	244622.5N 0935417.9E	2554 FT	NIL	TEL POLE
22/TKOF 04/APCH	FENCE	244449.8N 0935323.6E	2543 FT	NIL	FENCING TOP
22/TKOF 04/APCH	OTHER	244100.3N 0935014.7E	3120 FT	LGTD	SOLAR LT ON HILL
04/TKOF	OTHER	254240.6N 0915901.4E	2911 FT	NIL	MOBILE ROAD TRAFFIC (ROAD ELEV. 882.2M+MOBILE TRAFFIC 5M)

VEIM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Name of the associated meteorological office	Imphal
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	As ATS
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	Guwahati 9 HR [00-09]
4	Availability of the trend forecast for the aerodrome and interval of issuance	Available at 30 minutes interval
5	Information on how briefing and/or consultation is provided	NIL
6	Types of flight documentation supplied and language(s) used in flight documentation	Tabular Form English
7	Charts and other information displayed or available for briefing or consultation	NIL
8	Supplementary equipment available for providing information on meteorological conditions, e.g. weather radar and receiver for satellite images;	NIL
9	The air traffic services unit(s) provided with meteorological information	Imphal ATC and ACS
10	Additional information, e.g. concerning any limitation of service.	Documents available on request.

VEIM 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
04	35.00 DEG	2746 x 45 M	55/F/D/X/T Macadam	THR: 244457.70N 0935322.10E
22	215.00 DEG	2746 x 45 M	55/F/D/X/T Macadam	THR: 244612.30N 0935417.30E

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: 2535.0FT TDZ:	0.05%	NIL		2866 x 150 M
THR: 2540.0FT TDZ:	0.05%	NIL		2866 x 150 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		Aircraft to make 180 Degree turn at turn pad by using turn pad markings to avoid damage to RWY Surface.
	NIL		Aircraft to make 180 Degree turn at turn pad by using turn pad markings to avoid damage to RWY Surface.

VEIM 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
04	2746	2746	2746	2746	
22	2746	2746	2746	2746	

VEIM 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
04	CAT I 900 M	Green	PAPI LEFT/3.50 DEG MEHT (59.71FT)	NIL
22	SALS 420 M LIH	Green	PAPI LEFT/3.20 DEG MEHT (47.24FT)	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
	2760 M 60 M White LIH	Red	NIL	NIL
	2760 M 60 M White LIH	Red	NIL	NIL

VEIM AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any)	ABN	At Tower Building, FLG W&G EV2SEC, As ATS HR
		IBN	NIL
2	Location and lighting (if any) of anemometer/ landing direction indicator;	LDI	Lighted, NE corner of Apron
		Anemometer	On TWR Bldg, Lighted
3	Taxiway edge and taxiway centre line lights;	Edge	All TWY except TWY 'A'
		Centre Line	---
4	Secondary power supply including switch-over time;	Secondary Power supply to all lighting at AD. Switch-over time: 30 SEC.	
5	Remarks	WDI Lighted	

VEIM 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	Not Established
2	TLOF and/or FATO area elevation:	Not Established
3	TLOF and FATO area dimensions to the nearest metre or foot, surface type, bearing strength and marking;	Not Established
4	True bearings of FATO;	Not Established
5	Declared distances available	Not Established
6	Approach and FATO lighting;	Not Established
7	Remarks	Not Established

VEIM AD 2.17 AIR TRAFFIC SERVICE AIRSPACE

1	Airspace designation, geographical coordinates and lateral limits	CTR: Area bounded by lines joining points 250002N 0932548E; 245902N 0933048E then along the clockwise arc of a circle of 25NM radius centred on DVOR IIM (244529N 0935352E) to 243902N 0932748E; 244102N 0932148E then along the counter clockwise arc of a circle of 25NM radius centred on VOR KKU (245449N 0925840E) to point of origin.
2	Vertical limits	FL 200
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	Imphal Tower, English
5	Transition altitude	11000 FT
6	Hours of applicability	As ATS
7	Remarks	NIL

VEIM AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	**2**	**3**	**4**
TWR	Imphal Tower	124.350 MHZ	
ATIS	Imphal Imnformation	126.650 MHZ	

Logon address, as appropriate	Hours of operation	Remarks
5	**6**	**7**
		Alternate Freq. 118.550 MHz SMC, TWR and APP services combined.
		NIL

VEIM 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**
LOC 04	IIPH	110.300 MHz	As ATS
GP 04		335.000 MHz	As ATS
DME ILS 04	IIPH	CH40X	As ATS
DVOR/DME	IIM	115.900 MHz CH106X	As ATS
NDB	IM	289 kHz	As ATS

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
244621.4N 0935425.0E			ILS CAT I
244503.6N 0935331.4E			3.5 DEG
244503.6N 0935331.4E	2549 FT		Collocated with GP04
244529.4N 0935351.8E	2405 FT		
244529.4N 0935320.7E			

VEIM AD 2.20 LOCAL AERODROME REGULATIONS

NIL

VEIM AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VEIM AD 2.22 FLIGHT PROCEDURES

1.Circling approach not available at Imphal.

2.Standard Instrument Departures Procedures:

i.Standard Instrument Departures Procedures (SIDs) for Imphal have been developed for both Runways (RWY 04 and RWY 22).

ii.SIDs provide the track guidance upto interception of ATS route along with required obstacle clearance and thus eliminate the requirement of aircraft to climb over the VOR upto MSA before establishing on desired track.

iii.Due to the high terrain, the minimum climb gradient of 7% (425 FT/NM) has been specified as Procedure Design Gradient (PDG) until passing 8500 FT for all the SIDs.

iv.The minimum climb gradient of 3.3% (200 FT/NM) may be maintained after passing 8500 FT.

v.Speed restrictions have been specified with each SID wherever applicable.

vi.Altitude restrictions at the VOR/DME fix have been specified wherever necessary.

vii.All the radials and distances have been specified from Imphal VOR/DME (115.9 IIM).

viii.Any altitude restriction by ATC shall be imposed only after departing aircraft has reached the applicable minimum sector altitude (9500 FT or 11000 FT).

ix.Aircraft unable to follow the SIDs, shall inform ATC and request for alternate clearance.

SIDs Runway 04				
Sl. No.	**ATS Route**	**SID Name**	**Description**	**Remarks**
i	W55 (R-280)	Silchar 1	Climb straight ahead. Passing 3000 FT, establish R035. At 5.5 DME turn left to establish R350 for Cat C and R005 for Cat A/B to VOR. At 1.0 DME (R350/R005) turn right heading 310 to establish R280 to join W55 outbound. Cross R035/5.5 DME at or above 4500 FT & 1DME (R350/R005) at or above 8100 FT.	For Cat C speed restricted to 204 KT IAS maximum until interception of R350.
ii	W54 (R-251)	Agartala 1	Climb straight ahead. Passing 3000 FT, establish R035. At 5.5 DME turn left to establish R350 for Cat C and R005 for Cat A/B to VOR. At 1.0 DME (R350/R005) turn right to establish R251 to join W54 outbound. Cross R035/5.5DME at or above 4500 FT & 1DME (R350/005) at or above 8100 FT.	For Cat C speed restricted to 204KT IAS maximum until interception of R350.
iii	W83 (R-232)	Lengpui 1	Climb straight ahead. Passing 3000 FT, establish R035. At 5.5 DME turn left to establish R350 for Cat C and R005 for Cat A/B to VOR. At 1.0 DME (R350/R005) turn right to establish R232 to join W83 outbound. Cross R035/5.5DME at or above 4500 FT & 1DME (R350/R005) at or above 8100 FT.	For Cat C speed restricted to 204KT IAS maximum until interception of R350.
iv	W55 (R-355)	Dimapur 1	Climb straight ahead. Passing 3000 FT, establish R035. At 14 DME turn left to intercept 16 DME arc and then establish R355 to join W55 outbound. Cross R035/14 DME at or above 8100 FT.	
SIDs Runway 22				
Sl. No.	**ATS Route**	**SID Name**	**Description**	**Remarks**
	W55 (R-280)	Silchar 2	Climb straight ahead. Passing 3000 FT turn left to establish R200. At 8DME turn right to intercept 10DME arc and then establish R280 to join W55 outbound. Cross R200/08DME at or above 5600 FT.	

	W54 (R-251)	Agartala 2	Climb straight ahead. Passing 3000 FT turn left to establish R200. At 8DME turn right to intercept 10 DME arc then establish R251 to join W54 outbound. Cross R200/08 DME at or above 5600 FT.	
	W83 (R-232)	Lengpui 2	Climb straight ahead. Passing 3000 FT turn left to establish R200. At 13 DME turn right to intercept 15DME arc. Then establish R232 to join W83 outbound. Cross R200/13DME at or above 7700 FT.	
	W55 (R-355)	Dimapur2	Climb straight ahead. Passing 3000 FT to establish R215. At 5 DME turn left to establish R170 for Cat C & R185 for Cat A/B to VOR. Then proceed via R010 and passing 9000 FT turn left to establish R355 to join W55 outbound. Cross R215/05DME at or above 4300 FT & VOR at or above 8300 FT.	1. For Cat C speed restricted to 204 KT IAS maximum until interception of R170. 2.Aircraft able to climb to 9000 FT or above before reaching VOR may proceed directly via R355

VEIM AD 2.23 ADDITIONAL INFORMATION

TWY Designator	Remarks
A	Link TWY between RWY and NCC hanger towards beginning of RWY22.
B	Link TWY between RWY and main Apron towards RWY 22 and ARP.
C	Link TWY between RWY and main Apron towards Fire station.
D	Link TWY between RWY and Isolation bay towards beginning of Fire station.

VEIM AD 2.24 CHARTS RELATED TO AN AERODROME

1.Aerodrome Obstacle Chart Type-A (Operating Limitations) RWY 04

2.Aerodrome Obstacle Chart Type-A (Operating Limitations) RWY 22

3.ILS Procedure RWY 04

4.VOR Procedure RWY 04

5.Standard Instrument Departure RWY 04 – Agartala 1

6.Standard Instrument Departure RWY 04 – Dimapur 1

7.Standard Instrument Departure RWY 04 – Lengpui 1

8.Standard Instrument Departure RWY 04 – Silchar 1

9.Standard Instrument Departure RWY 22 – Agartala 2

10.Standard Instrument Departure RWY 22 – Dimapur 2

11.Standard Instrument Departure RWY 22 – Lengpui 2

12.Standard Instrument Departure RWY 22 – Silchar 2

ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METRES

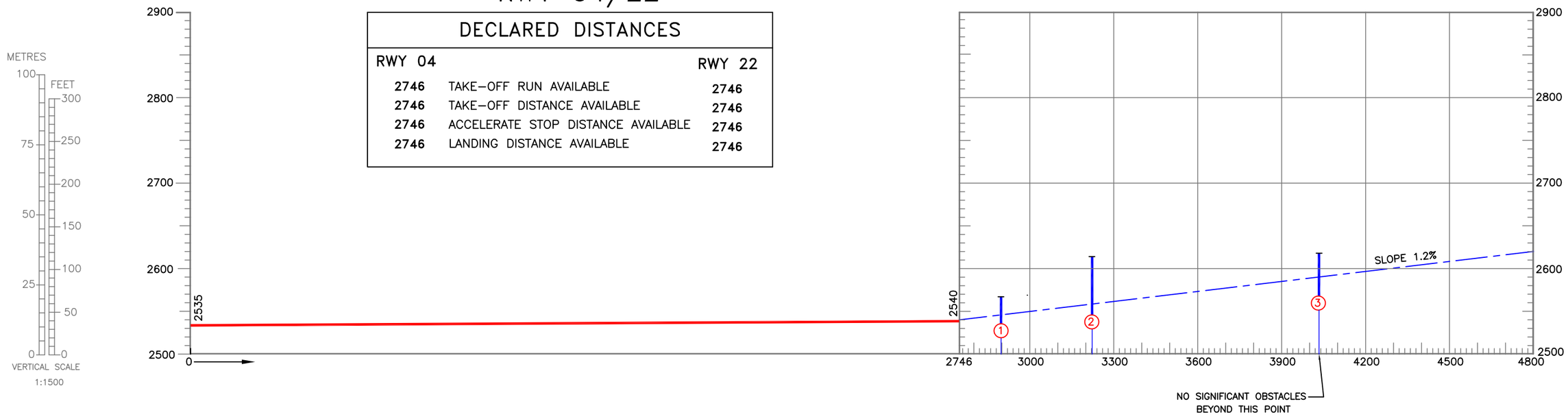
AERODROME OBSTACLE CHART
TYPE –A (OPERATING LIMITATIONS)

INDIA/IMPHAL
IMPHAL AIRPORT/RWY 04

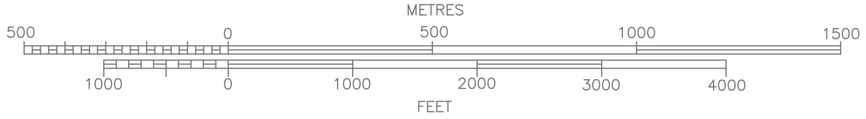
MAGNETIC VARIATION 1°W (2010)

RWY 04/22

DECLARED DISTANCES		
RWY 04		RWY 22
2746	TAKE–OFF RUN AVAILABLE	2746
2746	TAKE–OFF DISTANCE AVAILABLE	2746
2746	ACCELERATE STOP DISTANCE AVAILABLE	2746
2746	LANDING DISTANCE AVAILABLE	2746



HORIZONTAL SCALE – 1:15000



L E G E N D	PLAN	PROFILE
IDENTIFICATION NUMBER	①	①
TREE OR SHRUB	*	
ROAD		
BUILDING OR LARGE STRUCTURE	■	
HIGH TENSION LINE		

ORDER OF ACCURACY	
HORIZONTAL	– 3m
VERTICAL	– 1ft.

NOTES:–

1. The objects that have been shielded due to presence of other higher objects have not been shown in this chart.
2. Obstructions in the form of trees which are being cut or pruned have not been taken into consideration for establishing threshold displacement.
3. Datum – All Elevations are AMSL.
4. Periphery road without traffic is no obstacle.
5. Consult Notam for latest information.
6. Rwy directions rounded to nearest degree.(Magnetic) (In degree minute : Rwy 04/22 = 035°45'/215°45') (taken upto 2013)
7. All obstacles shown in this chart are based on aeronautical obstacle Survey May 2010.

AMENDMENT RECORD

NO.	DATE	ENTERED BY
1.	28.07.14	Amnd. as per AGM(ATM) Imphal ltr.no. AAI/IMP/ATM/NOC/1450,dt.20.06.14.– R.S.

AERONAUTICAL INFORMATION UPTO – JULY 2014
वैमानिक सूचना : जुलाई 2014 तक

COMPILED BY : CARTO–ACC,AIRPORTS AUTHORITY OF INDIA
संग्रहित किया : कार्टो–वै.मा.प्र.,भारतीय विमानपत्तन प्राधिकरण

CHART No. AAI/10–OBS/CARTO–ACC/2012
चार्ट सं. भा.वि.प्रा./10–अव./कार्टो–वै.मा.प्र./2012

ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART
TYPE –A (OPERATING LIMITATIONS)

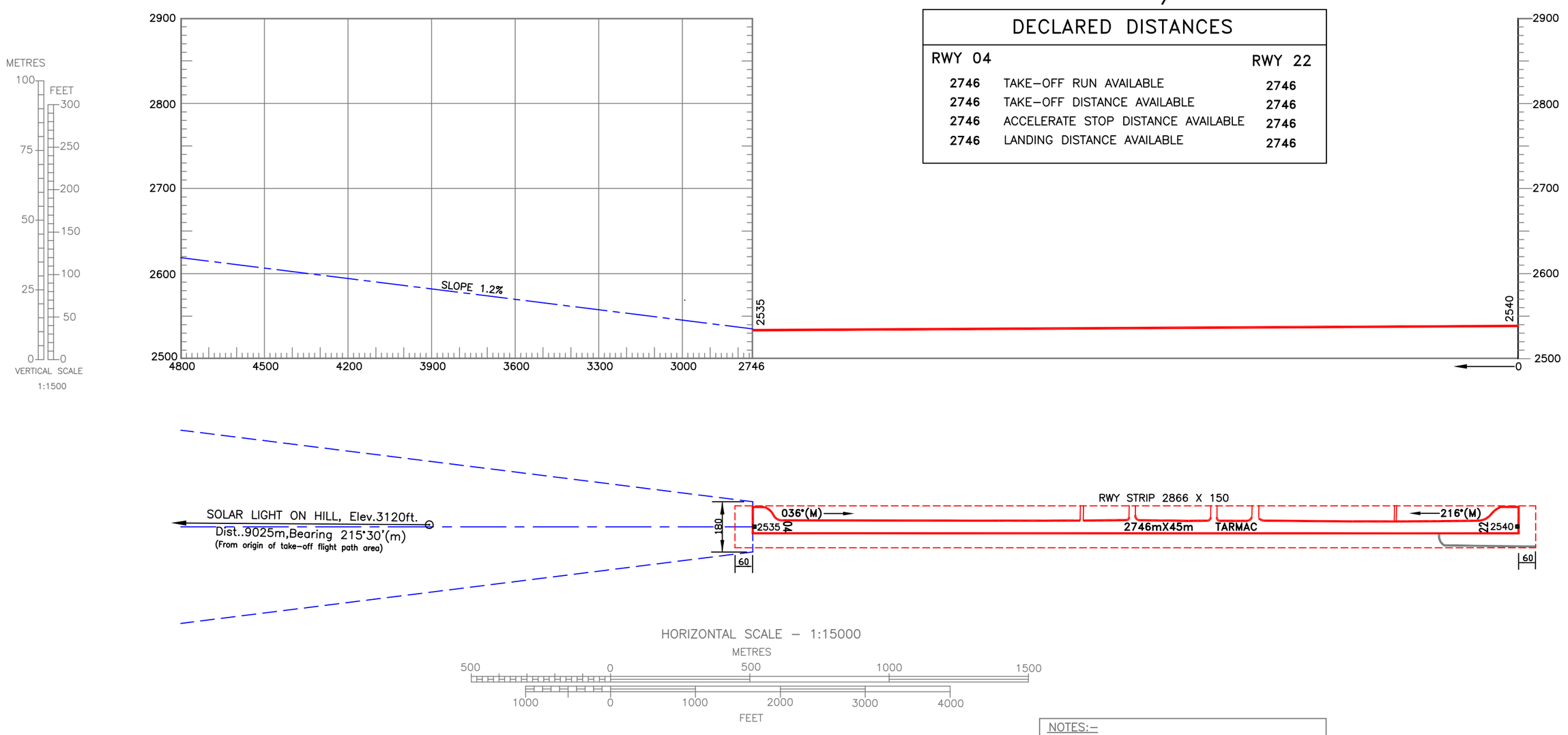
INDIA/IMPHAL
IMPHAL AIRPORT/RWY 22

MAGNETIC VARIATION 1°W (2010)

RWY 04/22

DECLARED DISTANCES

RWY 04		RWY 22
2746	TAKE–OFF RUN AVAILABLE	2746
2746	TAKE–OFF DISTANCE AVAILABLE	2746
2746	ACCELERATE STOP DISTANCE AVAILABLE	2746
2746	LANDING DISTANCE AVAILABLE	2746



ORDER OF ACCURACY

HORIZONTAL	– 3m
VERTICAL	– 1ft.

NOTES:–

1. The objects that have been shielded due to presence of other higher objects have not been shown in this chart.
2. Obstructions in the form of trees which are being cut or pruned have not been taken into consideration for establishing threshold displacement.
3. Datum – All Elevations are AMSL.
4. Periphery road without traffic is no obstacle.
5. Consult Notam for latest information.
6. Rwy directions rounded to nearest degree.(Magnetic) (In degree minute : Rwy 04/22 = 035°45'/215°45') (taken upto 2013)
7. All obstacles shown in this chart are based on aeronautical obstacle Survey May 2010.

L E G E N D

POLE,TOWER,SPIRE,ANTENNA ETC...	⊙
ROAD	═══

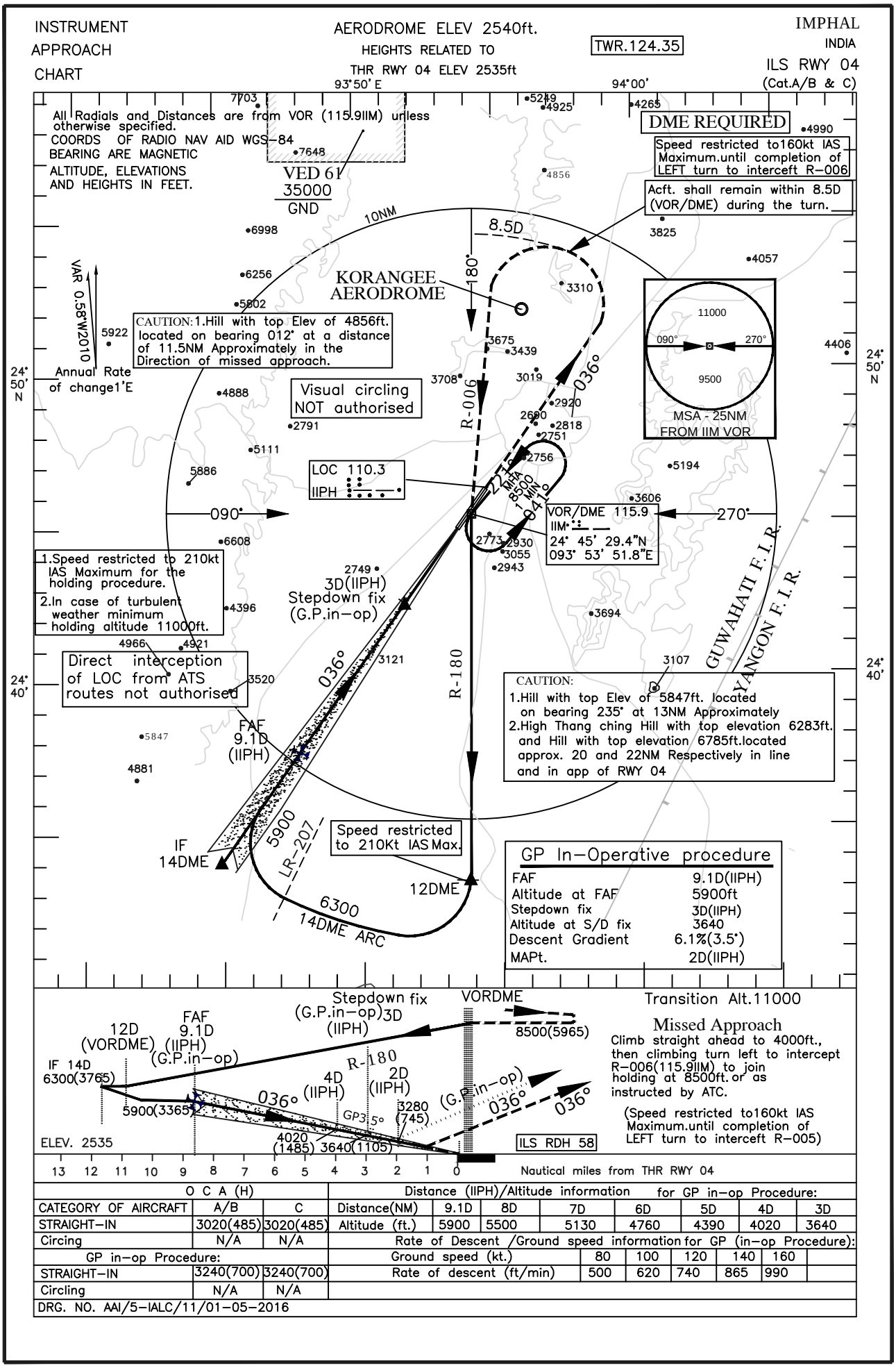
AMENDMENT RECORD

NO.	DATE	ENTERED BY
1.	28.07.14	Amnd. as per AGM(ATM) Imphal ltr.no. AAI/IMP/ATM/NOC/1450,dt.20.06.14.– R.S.

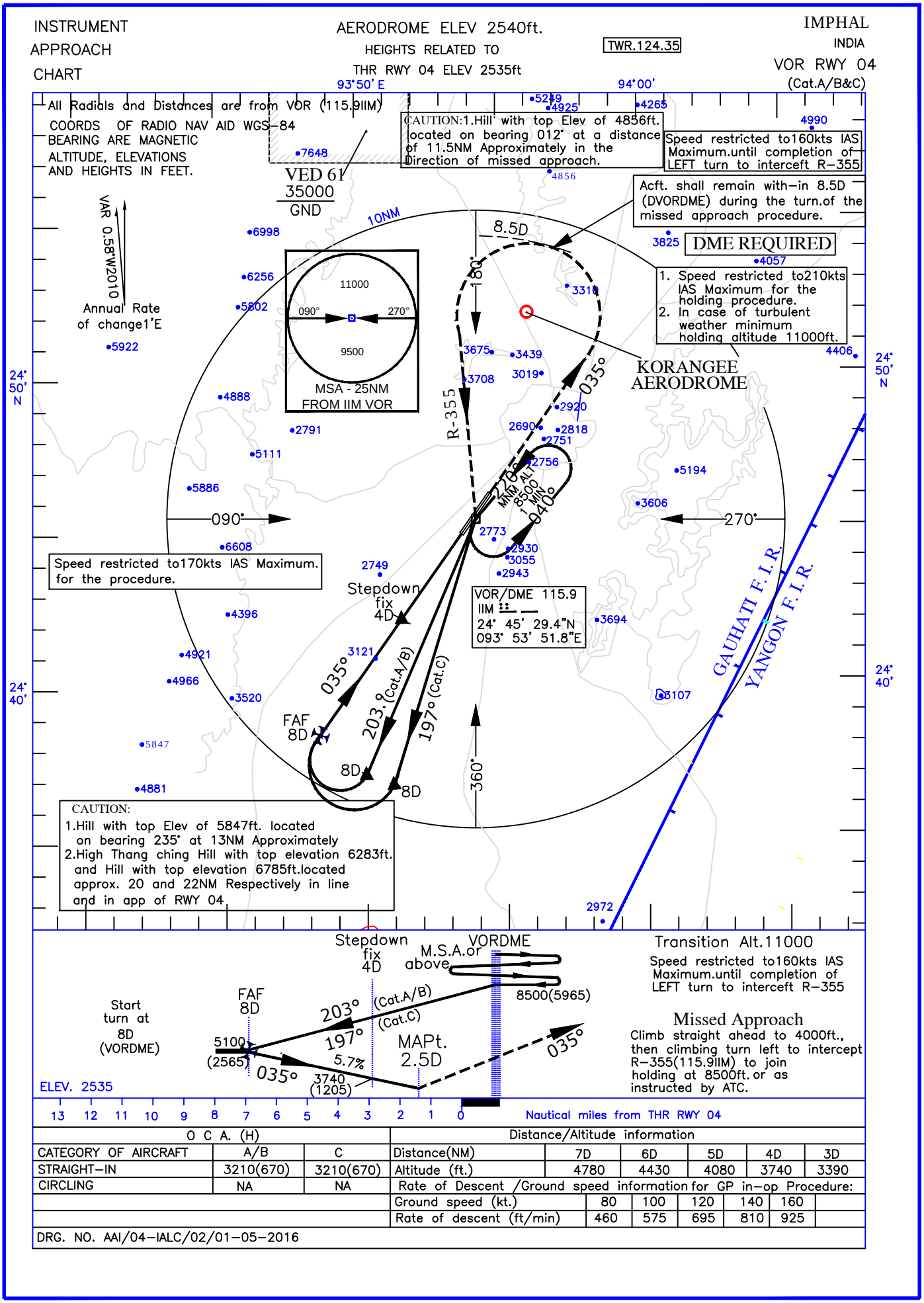
AERONAUTICAL INFORMATION UPTO – JULY 2014
वैमानिक सूचना : जुलाई 2014 तक

COMPILED BY : CARTO–ACC,AIRPORTS AUTHORITY OF INDIA
संग्रहित किया : कार्टो–वै.मा.प्र.,भारतीय विमानपत्तन प्राधिकरण

CHART No. AAI/11–OBS/CARTO–ACC/2012
चार्ट सं. भा.वि.प्रा./11–अव./कार्टो–वै.मा.प्र./2012



O C A (H)			Distance (IIPH)/Altitude information for GP in-op Procedure:							
CATEGORY OF AIRCRAFT	A/B	C	Distance(NM)	9.1D	8D	7D	6D	5D	4D	3D
STRAIGHT-IN	3020(485)	3020(485)	Altitude (ft.)	5900	5500	5130	4760	4390	4020	3640
Circing	N/A	N/A	Rate of Descent /Ground speed information for GP (in-op Procedure):							
GP in-op Procedure:			Ground speed (kt.)		80	100	120	140	160	
STRAIGHT-IN	3240(700)	3240(700)	Rate of descent (ft/min)		500	620	740	865	990	
Circling	N/A	N/A								
DRG. NO. AAI/5-IALC/11/01-05-2016										



O C A. (H)			Distance/Altitude information					
CATEGORY OF AIRCRAFT	A/B	C	Distance(NM)	7D	6D	5D	4D	3D
STRAIGHT-IN	3210(670)	3210(670)	Altitude (ft.)	4780	4430	4080	3740	3390
CIRCLING	NA	NA	Rate of Descent /Ground speed information for GP in-op Procedure:					
			Ground speed (kt.)	80	100	120	140	160
			Rate of descent (ft/min)	460	575	695	810	925

DRG. NO. AAI/04-IALC/02/01-05-2016

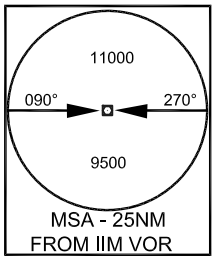
STANDARD DEPARTURE CHART
INSTRUMENT (SID)
CHART

AERODROME ELEV 2540ft.
THR RWY 22 ELEV 2540ft

TWR.124.35

IMPHAL (VEIM)
INDIA
AGARTALA 1
RWY 04

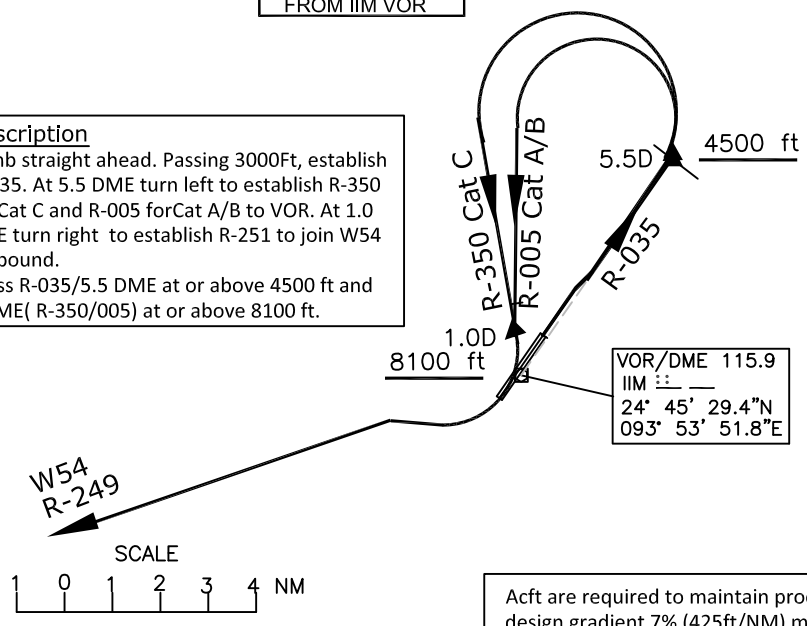
All radials and distances are from VOR (115.9 IIM).
BEARING ARE MAGNETIC.
ALTITUDE,ELEVATIONS AND HEIGHTS IN FEET.
VAR 0.58°W 2010



Transition Altitude
11000 ft

For Cat C Speed restricted to 204KT IAS MAX until interception of R-350

Description
Climb straight ahead. Passing 3000Ft, establish R- 035. At 5.5 DME turn left to establish R-350 for Cat C and R-005 forCat A/B to VOR. At 1.0 DME turn right to establish R-251 to join W54 outbound.
Cross R-035/5.5 DME at or above 4500 ft and 1 DME(R-350/005) at or above 8100 ft.



SCALE
1 0 1 2 3 4 NM

Acft are required to maintain procedure design gradient 7% (425ft/NM) min. until passing 8500 ft

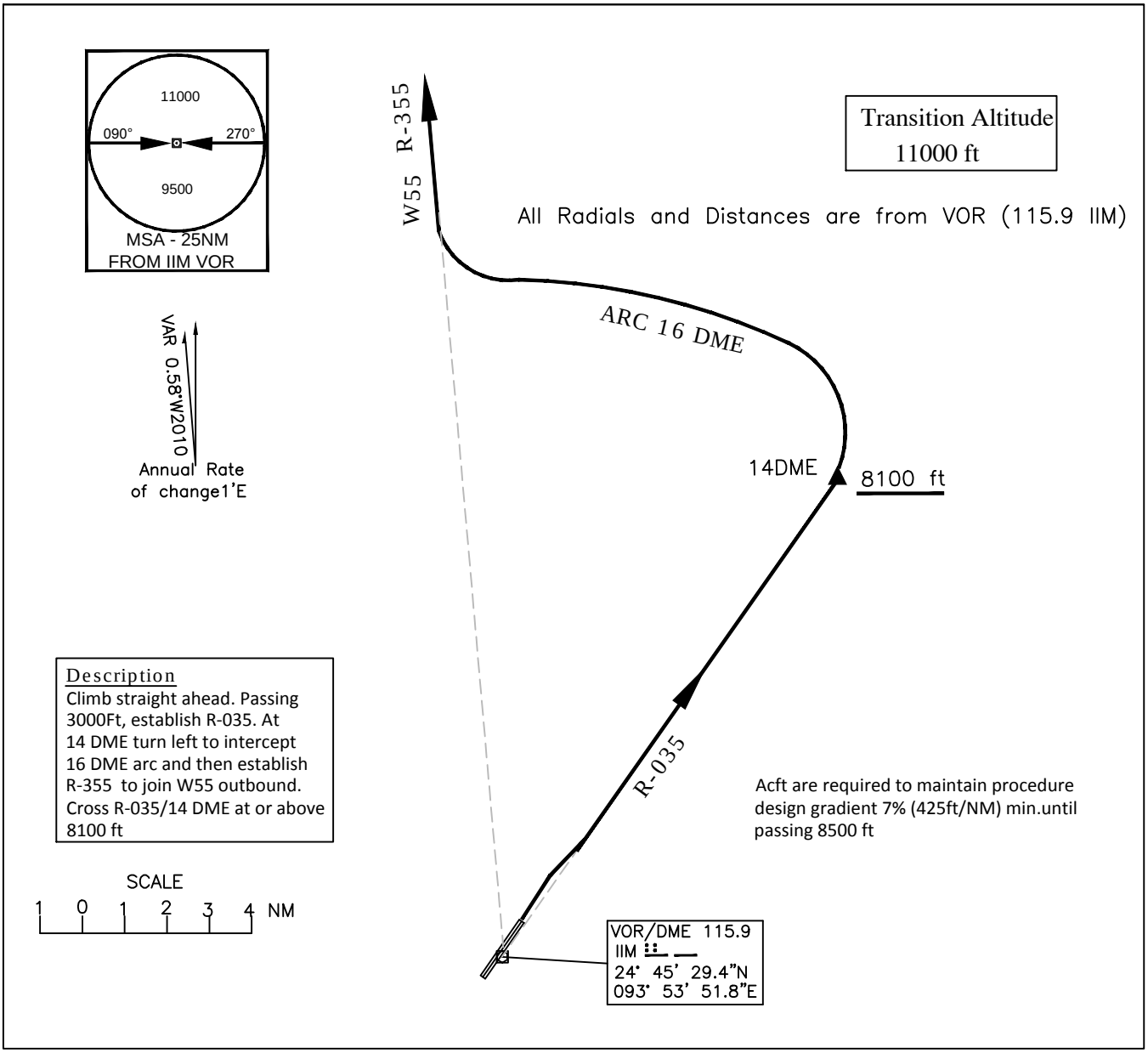
DRG. NO. AAI/7 –SID/11/19–07–2018
AIRPORTS AUTHORITY OF INDIA

STANDARD DEPARTURE CHART
INSTRUMENT (SID)
CHART

AERODROME ELEV 2540ft.
THR RWY 22 ELEV 2540ft

TWR.124.35

IMPHAL
INDIA
DIMAPUR 1
RWY 04



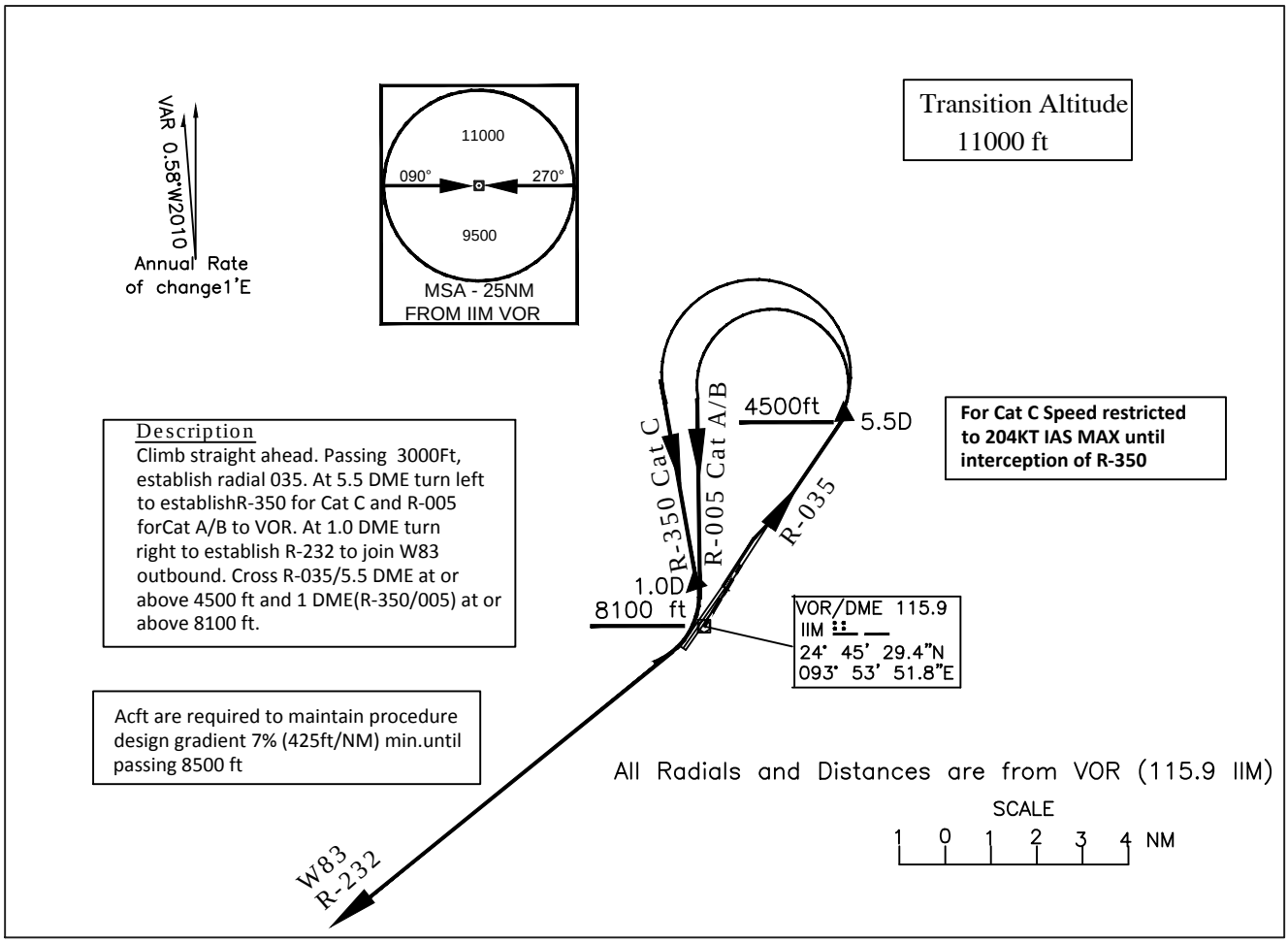
DRG. NO. AAI/9 –SID/11/01–05–2016
AIRPORTS AUTHORITY OF INDIA

STANDARD DEPARTURE CHART
INSTRUMENT (SID)
CHART

AERODROME ELEV 2540ft.
THR RWY 22 ELEV 2540ft

TWR.124.35

IMPHAL
INDIA
LENGPUI 1
RWY 04



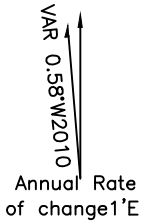
DRG. NO. AAI/8–SID/11/01–05–2016
AIRPORTS AUTHORITY OF INDIA

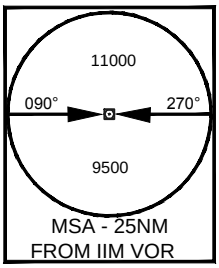
STANDARD DEPARTURE CHART
INSTRUMENT (SID)
CHART

AERODROME ELEV 2540ft.
THR RWY 22 ELEV 2540ft

TWR.124.35

IMPHAL
INDIA
SILCHAR 1
RWY 04

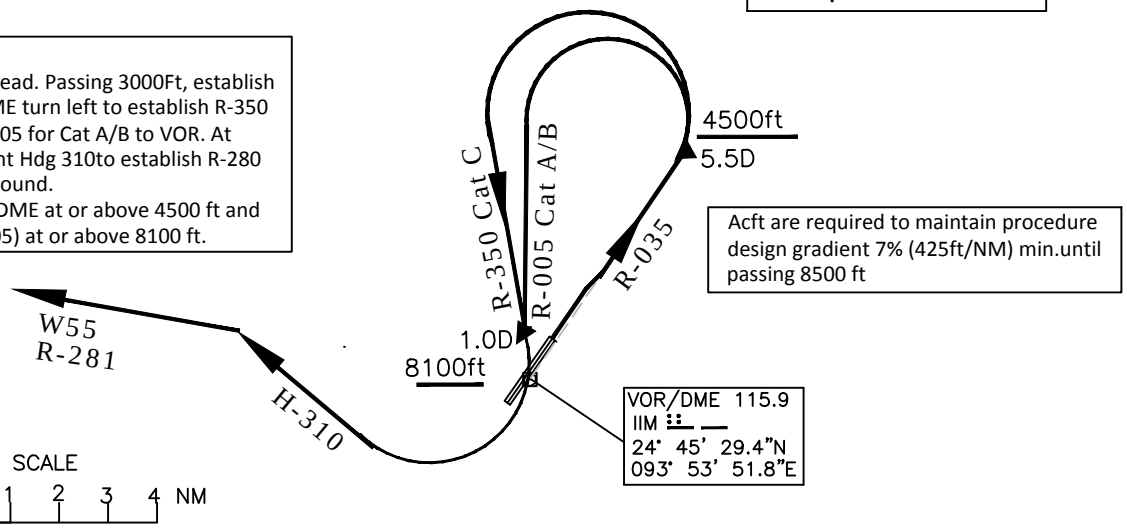




Transition Altitude
11000 ft

For Cat C Speed restricted to 204KT IAS MAX until interception of R-350

Description
Climb straight ahead. Passing 3000Ft, establish R- 035. At 5.5 DME turn left to establish R-350 for Cat C and R-005 for Cat A/B to VOR. At 1.0 DME turn right Hdg 310to establish R-280 to join W55 outbound.
Cross R-035/5.5 DME at or above 4500 ft and 1 DME (R-350/005) at or above 8100 ft.



Acft are required to maintain procedure design gradient 7% (425ft/NM) min.until passing 8500 ft

SCALE
1 0 1 2 3 4 NM

All Radials and Distances are from VOR (115.9 IIM)

DRG. NO. AAI/6 –SID/11/01–05–2016
AIRPORTS AUTHORITY OF INDIA

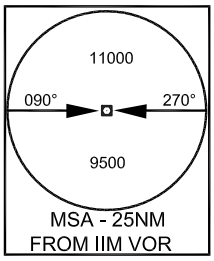
STANDARD DEPARTURE CHART
INSTRUMENT (SID)
CHART

AERODROME ELEV 2540ft.
THR RWY 04 ELEV 2535ft

TWR.124.35

IMPHAL (VEIM)
INDIA
AGARTALA 2
RWY 22

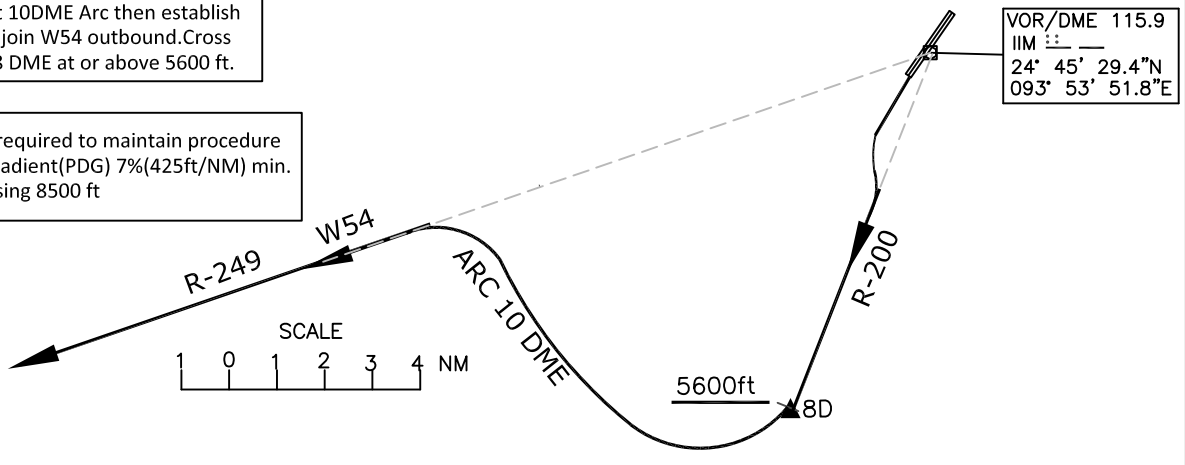
All radials and distances are from VOR (115.9 IIM).
BEARING ARE MAGNETIC.
ALTITUDE,ELEVATIONS AND HEIGHTS IN FEET.
VAR 0.58°'W 2010



Transition Altitude
11000 ft

Description
Climb straight ahead. Passing 3000Ft turn left to establish R- 200. At 8 DME turn right to intercept 10DME Arc then establish R-251 to join W54 outbound.Cross R-200/08 DME at or above 5600 ft.

Acft are required to maintain procedure design gradient(PDG) 7%(425ft/NM) min. until passing 8500 ft



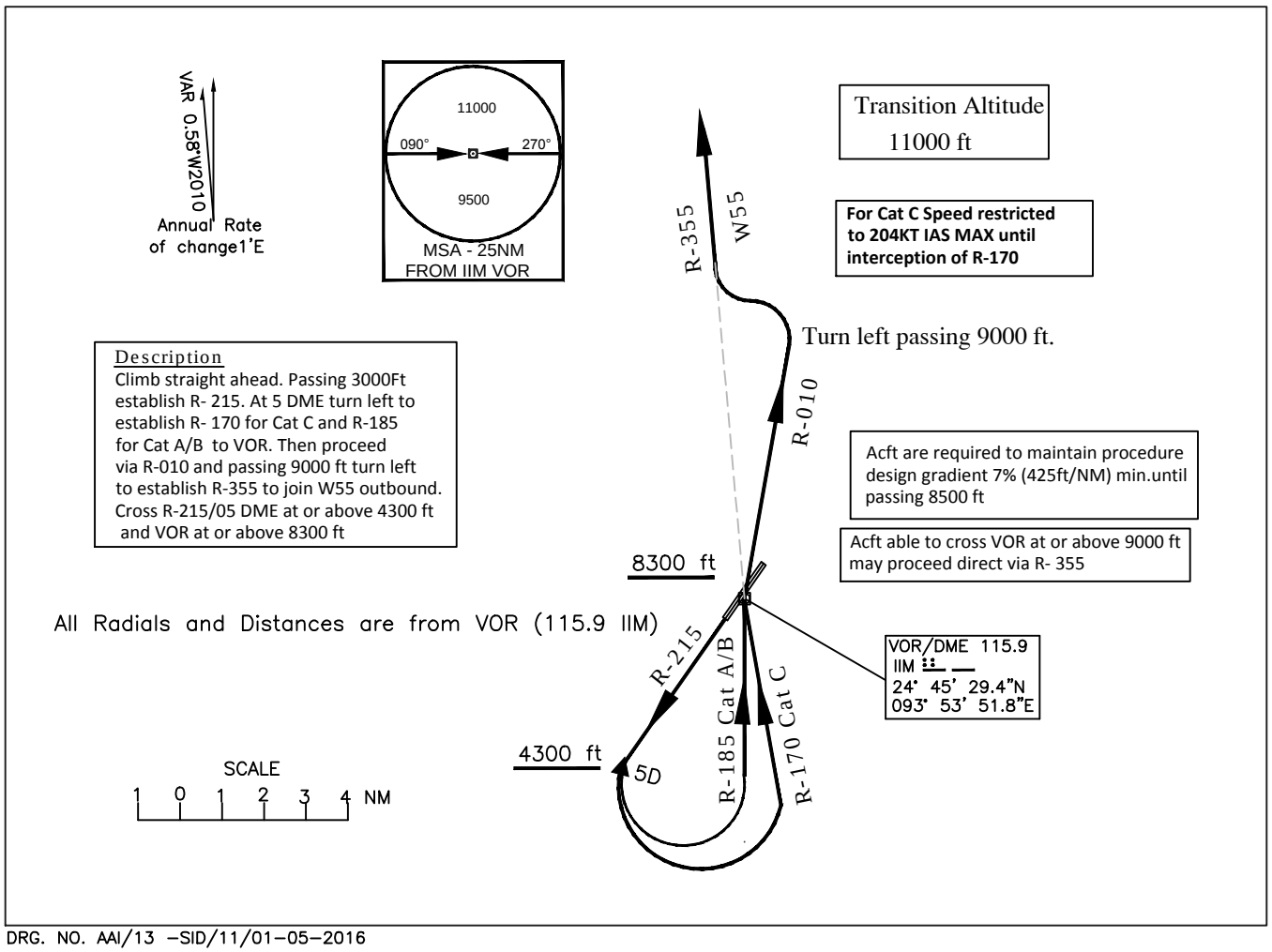
DRG. NO. AAI/11–SID/11/19–07–2018
AIRPORTS AUTHORITY OF INDIA

STANDARD DEPARTURE CHART
INSTRUMENT (SID)
CHART

AERODROME ELEV 2540ft.
THR RWY 04 ELEV 2535ft

TWR.124.35

IMPHAL
INDIA
DIMAPUR 2
RWY 22



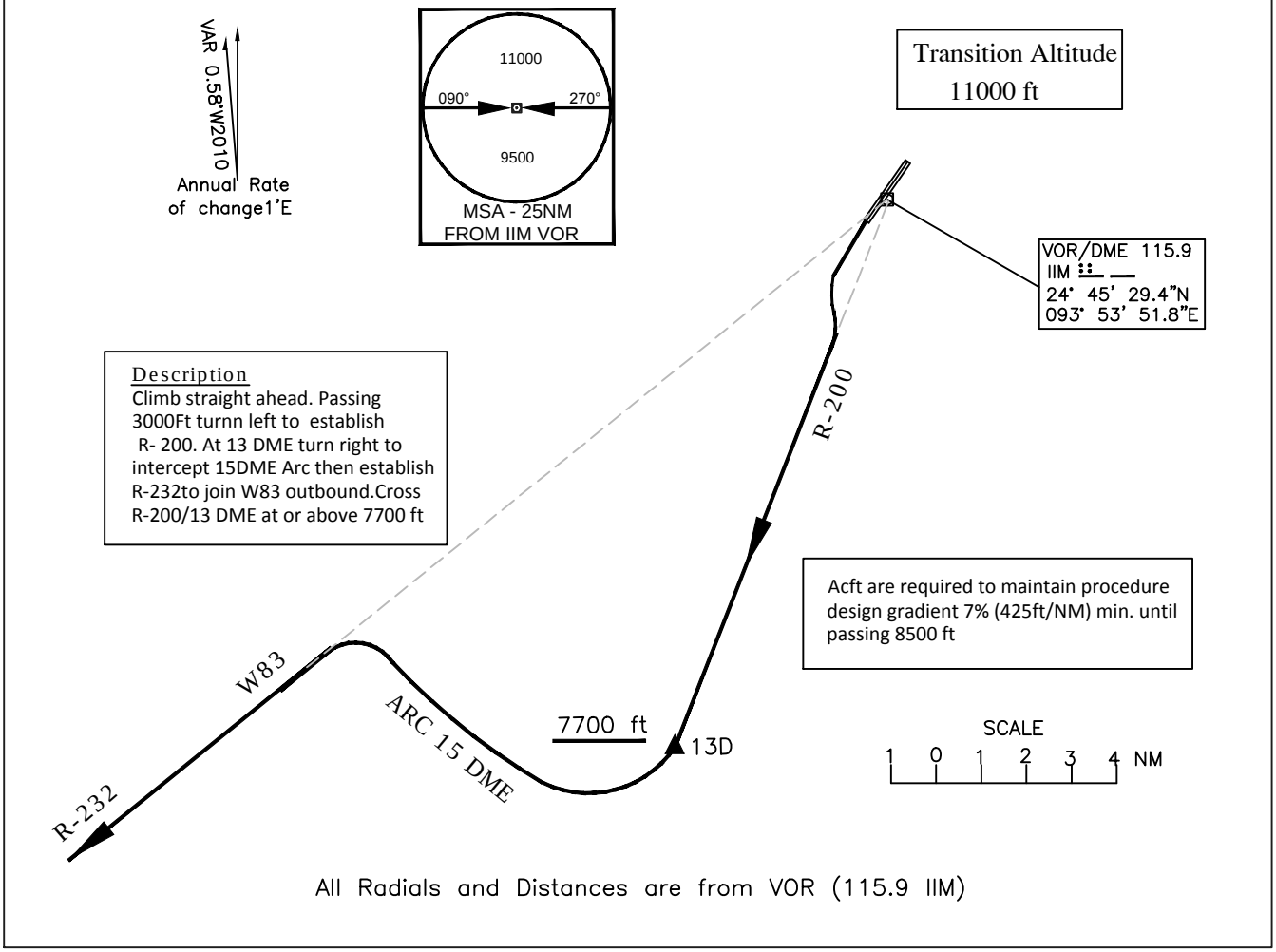
DRG. NO. AAI/13 –SID/11/01–05–2016
AIRPORTS AUTHORITY OF INDIA

STANDARD DEPARTURE CHART
INSTRUMENT (SID)
CHART

AERODROME ELEV 2540ft.
THR RWY 04 ELEV 2535ft

TWR.124.35

IMPHAL
INDIA
LENGPUI 2
RWY 22



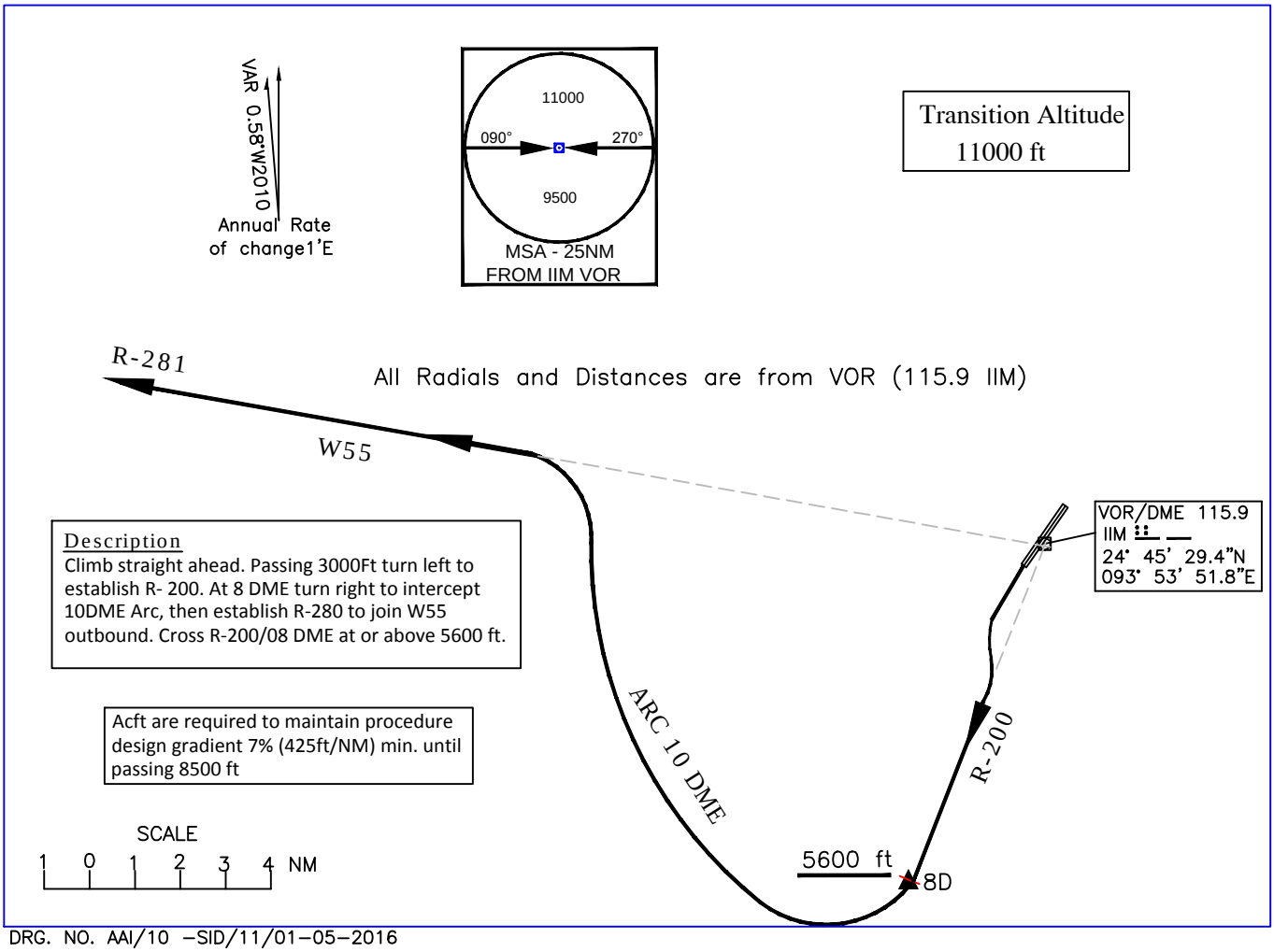
DRG. NO. AAI/12 –SID/11/01–05–2016
AIRPORTS AUTHORITY OF INDIA

STANDARD DEPARTURE CHART
INSTRUMENT (SID)
CHART

AERODROME ELEV 2540ft.
THR RWY 04 ELEV 2535ft

TWR.124.35

IMPHAL
INDIA
SILCHAR 2
RWY 22



DRG. NO. AAI/10 –SID/11/01–05–2016
AIRPORTS AUTHORITY OF INDIA