

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

VEDG - DURGAPUR / DOMESTIC

VEDG AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Aerodrome reference point coordinates and its site	233728N 0871433E Adjacent to RWY Edge, Eastern Side, 24.5M From RWY Centre Line. 1610M From Beginning of RWY 34.
2	Direction and distance of aerodrome reference point from the centre of the city or town which the aerodrome serves	NW, 16KM from Durgapur Railway Station.
3	Aerodrome elevation and reference temperature	302 FT / 43.0 DEG C
4	Magnetic variation, date of information and annual change	0.37 DEG W (2010) /0.033 DEG E
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	The Airport Director, Durgapur Airport, ATC Complex, SCB Building Village & P.O - Khandra, Distt- Bardhaman - 713363
	Telephone:	+91-341-6670301
	Fax:	+91-341-2663397
	AFS:	
	Email:	apd.dgp@bengalaero.com
6	Types of traffic permitted (IFR/VFR)	IFR/VFR
7	Remarks	Aerodrome Category: 4C

VEDG AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	MON-FRI 0400-1230 UTC (0930-1800 IST) SAT 0400-0730 UTC (0930-1300 IST) SUN + Holidays: NIL
2	Custom and immigration	NIL
3	Health and sanitation	HO
4	AIS briefing office	HO
5	ATS reporting office (ARO)	HO
6	MET Briefing office	HO
7	Air Traffic Service	Consult current NOTAM
8	Fuelling	HO
9	Handling	HO
10	Security	HO
11	De-icing	NIL
12	Remarks	NIL

VEDG AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	NIL
2	Fuel and Oil types	JET A1
3	Fuelling facilities and capacity	BPCL-2 Bowser (15+11) KL. Discharge Capacity-40KL Per HR Underground Tank capacity-90 KL (45KLx 2 Tank) Discharge Capacity-50 KL Per HR
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

VEDG 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	At AD and in the City
3	Transportation possibilities	Buses and Taxi from AD
4	Medical Facilities	First AID at AD and Hospital in the City
5	Bank and post office at or in the vicinity of aerodrome	Banks: ATM at AD. Post Office: 5KM From Airport
6	Tourist office	NIL
7	Remarks	NIL

VEDG 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	NIL
4	Remarks	NIL

VEDG AD 2.7 SEASONAL AVAILABILITY CLEARING

1	Type(s) of clearing equipment	NIL
2	Clearance priorities	NIL
3	Remarks	Aerodrome available for all Seasons

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

1	Designation, surface and strength of aprons	Surface: Concrete(Rigid) and Asphalt Strength: Rigid: 105/R/B/W/T Asphalt: 51/F/A/W/T
2	Designation, width, surface and strength of taxiways	Designator: TWY A Width: 18 M Surface: Asphalt Strength: PCN 64/F/A/W/T Shoulders: 3.5M Designator: TWY B Width: 18 M Surface: Asphalt Strength: PCN 51/F/A/W/T Shoulders: 3.5M
3	Location and elevation of altimeter checkpoints	Location: Apron Elevation: 276 FT
4	Location of VOR checkpoints	On taxiway A (R161/1.2NM)
5	Position of INS checkpoints	NIL
6	Remarks	1. Apron Dimension: 181.5M x 118.5M 2. Refer Aerodrome Chart 3. Refer Aircraft Parking/Docking Chart

VEDG 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	Aircraft Stand ID Sign Marking- Available Signage- NIL TWY Guidelines – Available Visual Docking Guidance System- NIL
2	Runway and taxiway markings and lights	RWY Markings: RWY Designation, THR, TDZ, Centre line, Side Stripe, Aiming Point, TurnPad RWY Lighting: THR, Edge, End, Stop way, TurnPad TWY Markings: Centerline, Edge, Holding Position (for TWY A&B) TWY Lighting: Edge, RWY Guard lights
3	Stop bars (if any)	NIL
4	Remarks	Taxiing guidance provided on R/T

VEDG 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
In circling area and at AD	TOWER	233604.3N 0871455.3E	394.82 FT	Marked/LGTD	Tower Transmission Line Western Transitional Surface of RWY 34
In circling area and at AD	TOWER	233611.7N 0871520.2E	422.31 FT	Marked/LGTD	Tower Transmission Line Eastern Transitional Surface of RWY 34
In circling area and at AD	TOWER	233610.9N 0871520.5E	416.98 FT	Marked/LGTD	Tower Transmission Line Eastern Transitional Surface of RWY 34
In circling area and at AD	TOWER	233606.1N 0871453.9E	392.75 FT	Marked/LGTD	Tower Transmission Line Western Transitional Surface of RWY 34
In circling area and at AD	TOWER	233534.2N 0871230.1E	588.29 FT	Marked/LGTD	IOCL SCADA Tower
In circling area and at AD	TOWER	233459.0N 0871226.4E	754.87 FT	Marked/LGTD	DSP Cooling Tower
In circling area and at AD	TOWER	233455.8N 0871232.6E	750.9 FT	Marked/LGTD	DSP Cooling Tower
In circling area and at AD	OTHER	233443.4N 0871212.0E	1167.45 FT	Marked/LGTD	DSP Chimney
In circling area and at AD	TOWER	233907.1N 0871426.1E	464.88 FT	Marked/LGTD	Mobile Tower
In circling area and at AD	TOWER	233900.5N 0871435.0E	505.9 FT	Marked/LGTD	Mobile Tower
In circling area and at AD	TOWER	233901.8N 0871442.9E	458.13 FT	Marked/LGTD	Mobile Tower

VEDG AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Name of the associated meteorological office	AMO Kolkata
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	9 HRS (HO, 1 Hour Prior to ATC Watch HRS)
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	AMO Kolkata
4	Availability of the trend forecast for the aerodrome and interval of issuance	NIL
5	Information on how briefing and/or consultation is provided	Online Briefing System (OLBS)
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	On Online Briefing System (OLBS)
8	Supplementary equipment available for providing information on meteorological conditions, e.g. weather radar and receiver for satellite images;	On Online Briefing System (OLBS)
9	The air traffic services unit(s) provided with meteorological information	Routine Met. Observation and Warning
10	Additional information, e.g. concerning any limitation of service.	NIL

VEDG 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
16	158.40 DEG	2800 x 45 M	59/F/A/W/T Asphalt	THR: 233755.50N 0871419.81E
34	338.40 DEG	2800 x 45 M	59/F/A/W/T Asphalt	THR: 233638.88N 0871453.00E

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: 298.0FT TDZ: 298.0FT	0.33%	60 x 45 M	NIL	3040 x 300 M
THR: 282.0FT TDZ:	-0.33%	310 x 45 M	NIL	3040 x 300 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	
240M x 150M		AVBL	1. Slope of the RWY for the last 1020m is 0%. 2. First 210M- Rigid 86/R/B/W/T Middle 2380M Asphalt 59/F/A/W/T Last 210M- Rigid 103/R/B/W/T	
240M x 150M		NIL	1. Slope of the RWY for the first 1020m is 0%. 2. First 210M- Rigid 103/R/B/W/T Middle 2380M Asphalt 59/F/A/W/T Last 210M Rigid 86/R/B/W/T	

VEDG 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
16	2800	2800	2860	2550	THR Displaced by 250M due obstacle in Approach Area
34	2550	2550	2860	2550	TORA/TODA/LDA reduced to 2550M due obstacles in Take-off climb Area

VEDG 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
16	CAT I 900 M LIH	Green	PAPI LEFT/3.00 DEG MEHT (53.33FT)	NIL
34	SALS 420 M LIH	Green	PAPI LEFT/3.00 DEG MEHT (53.33FT)	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
	2800 M 59 M White, Yellow, Red LIH	Red	Red 60 M	NIL
	2550 M 59 M White, Yellow, Red LIH	Red	Red 310 M	NIL

VEDG 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, white and green, 24 flashes per minute HO
		IBN	NIL
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	West of RWY, 160M from RWY Centre line, 1448M from RWY 16 Extremity, opposite to ATC Tower. Lighted
		Anemometer	RWY 16: 324.45 M from DISP THR. 110 M from RWY Centre line. Marked/ Lighted RWY 34: 292.90M from THR, 110M from RWY Centre line. Marked/ Lighted
3	Taxiway edge and taxiway centre line lights;	Edge	Lighted
		Centre Line	NIL
4	Secondary power supply including switch-over time;	Available. Switch over time 13.31 Sec	
5	Remarks	WDI RWY 16: East of RWY, 381M from DISP THR, 80M from RWY Centre line, Lighted WDI RWY 34: WEST of RWY, 347M from THR, 80M from RWY Centre line, Lighted	

VEDG 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	No Separate Landing Area for Helicopter. Helicopter to Land on RWY 16/ 34

VEDG AD 2.17 AIR TRAFFIC SERVICE AIRSPACE

1	Airspace designation, geographical coordinates and lateral limits	ATZ: Circular area centered on ARP VEDG (233728N 0871433E) within a 5NM radius.
2	Vertical limits	3000 FT
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	Durgapur Tower / Durgapur Approach, English
5	Transition altitude	4000 FT
6	Hours of applicability	HO
7	Remarks	NIL

VEDG AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
APP	Durgapur Approach	119.450 MHZ	
TWR	Durgapur Tower	118.550 MHZ	

Logon address, as appropriate	Hours of operation	Remarks
5	6	7
	HO	NIL
	HO	Tower and Approach Combined

VEDG 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 16	IDPR	110.900 MHz	HO
GP 16	IDPR	330.800 MHz	HO
DME ILS 16	IDPR	CH46X	HO
DVOR/DME	DGP	114.800 MHz CH95X	HO

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
233629.8N 0871456.9E			ILS CAT-I
233746.4N 0871428.3E			Full GP Azimuth coverage is available from 6NM to threshold. GP azimuth coverage is not available below the altitude as given below: 2020FT AMSL AT 7NM 2080FT AMSL AT 8NM 2140FT AMSL AT 9NM 2200FT AMSL AT 10NM
233746.4N 0871428.3E	313 FT		Co-Located with GP
233817.6N 0871407.4E	330 FT		Date of Commissioning of DVOR/DME 16.03.2015

VEDG AD 2.20 LOCAL AERODROME REGULATIONS

Detailed Description of Local Traffic Regulations	---
Runway Backtrack Instructions	Aircraft to make 180° turn at the end of runway and backtrack in coordination with ATC
Standard Routes for Taxiing Aircraft	All aircraft shall make left turn while entering apron and follow the guidance sign for allocated aircraft stand.
Parking Regulations	Power in and Power Out stands. Aircraft to face RWY at aircraft stand.
Instruction for Training Flight	NIL
Remarks	NIL

VEDG AD 2.21 NOISE ABATEMENT PROCEDURES

VEDG AD 2.22 FLIGHT PROCEDURES

VEDG AD 2.23 ADDITIONAL INFORMATION

1. BIRD CONCENTRATION AREA:

Bird Concentration Area	NIL
Significant Movement of Bird between Resting and Feeding Area	NIL

2. SIGNIFICANT OBJECTS IN APP OF RWY 16/TKOF Area RWY 34

S. No	Type of Object	Coordinates	Elevation	Marking/LGT	Remarks
1	RCC Water Tank	233900.75N 0871344.66E	436.24 FT	Marked/ Lighted	RWY 16 THR
2	Water Tank on Building	233856.38 N 0871344.82 E	429.68 FT	Not Marked	Displaced by 250 M

VEDG AD 2.24 CHARTS RELATED TO AN AERODROME

1. Aerodrome Chart
2. Aircraft Parking/Docking Chart
3. Aerodrome Ground Movement Chart
4. Aerodrome Obstacle Chart – Type A (Obstacle Limitations) RWY 16-34.
5. VOR Procedure RWY 16
6. VOR Procedure RWY 34

India

India
ARP

23°37'27.7"N
087°14'32.5"E

AERODROME
ELEVATION

302 FT

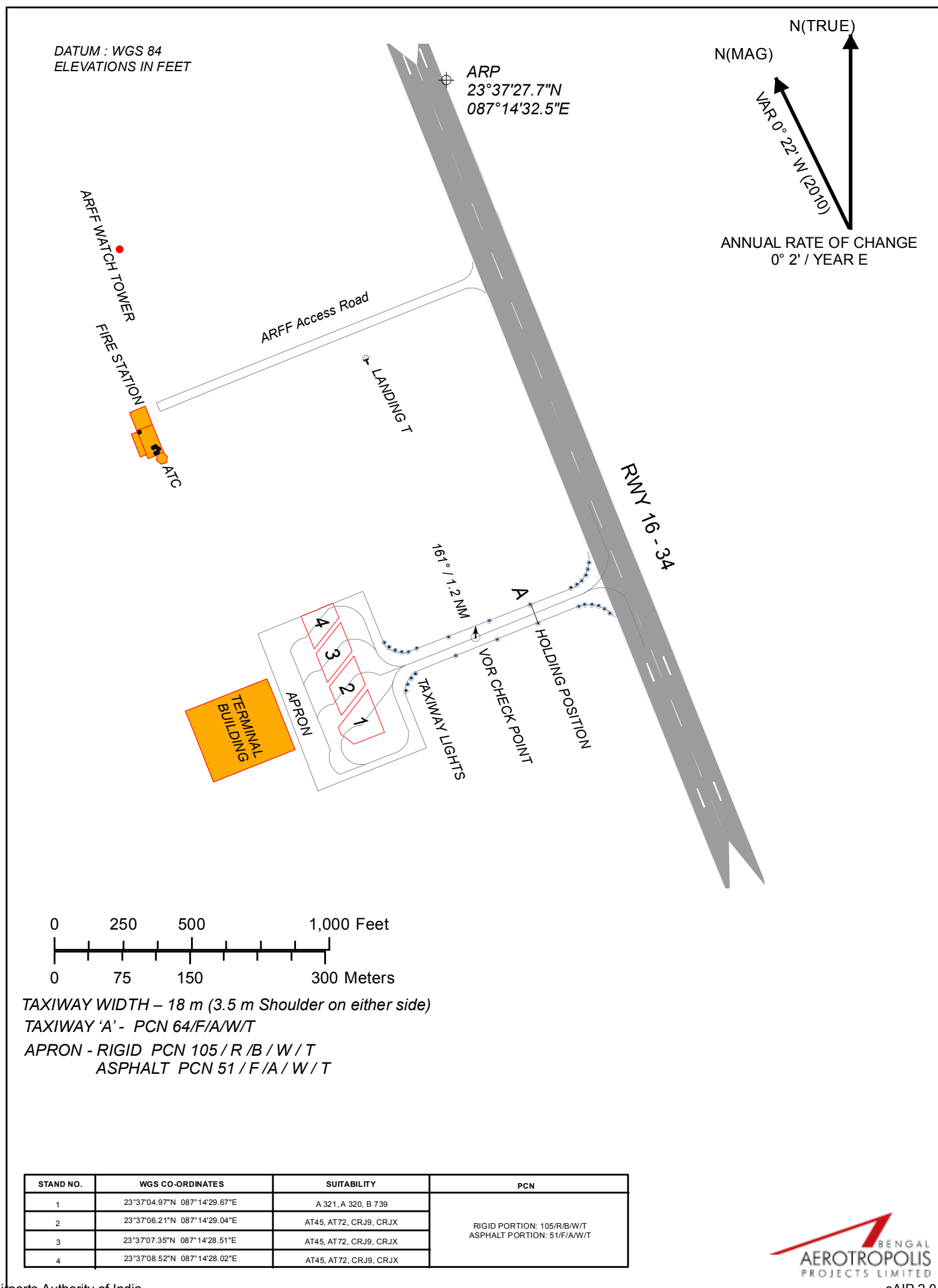
TWR 118.55 MHz

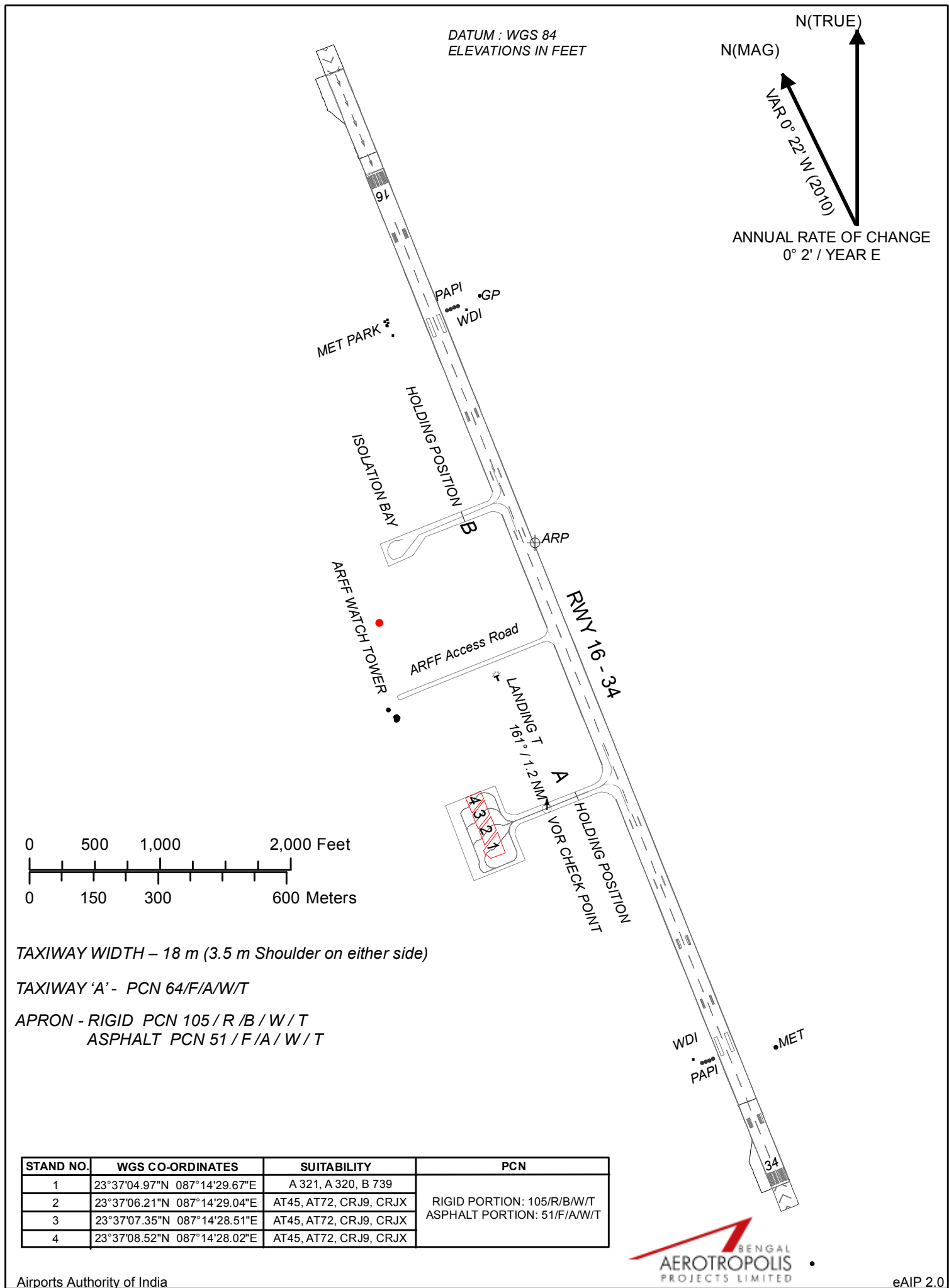
AD 2 VEDG 1-1
25 MAY 2017

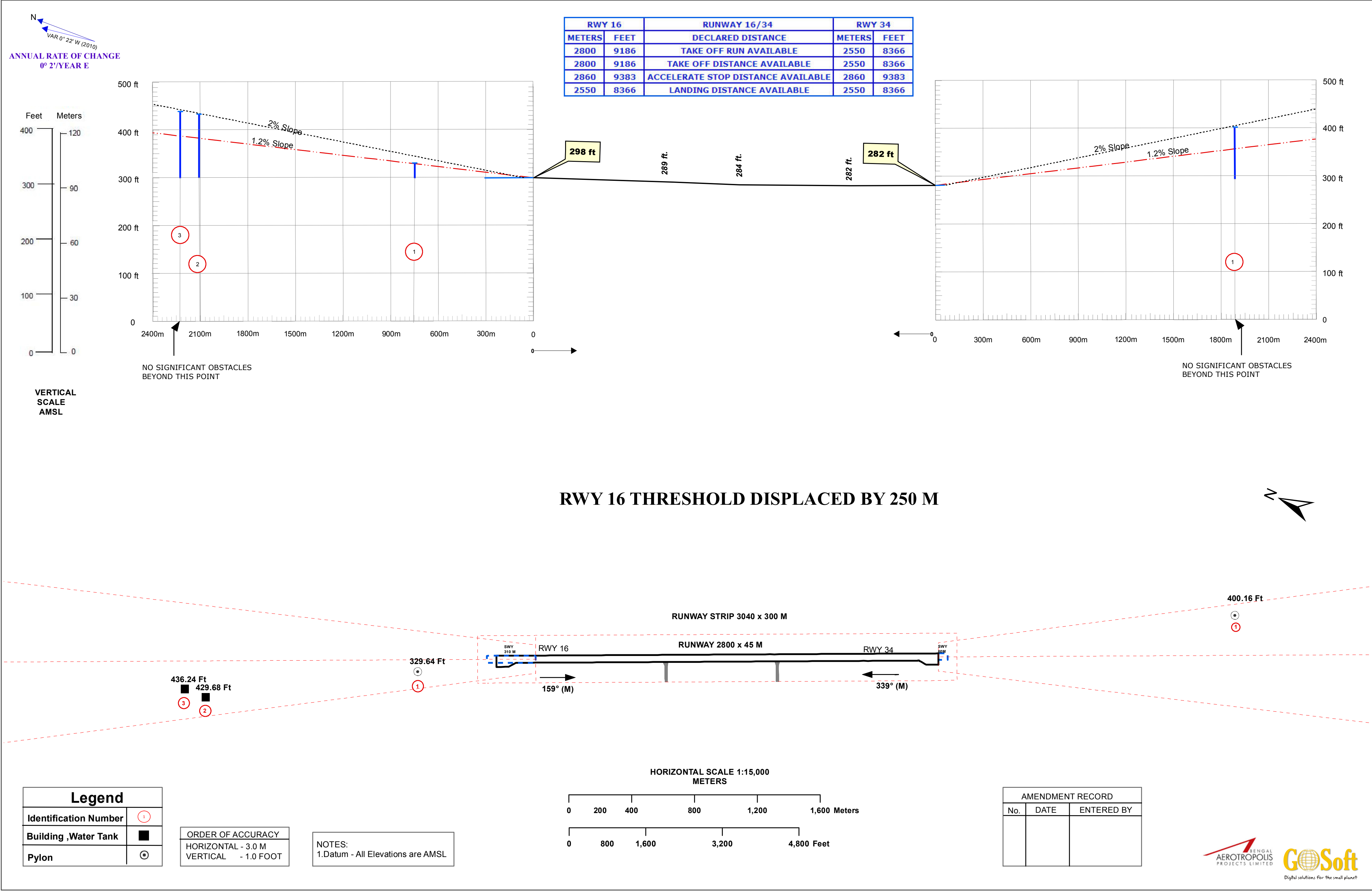


BENGAL
AEROTROPOLIS
PROJECTS LIMITED

Map Ref : QA:AC:DUR:IN.1
Date of Issue : 06.05.2015.
Supersedes Date : Original





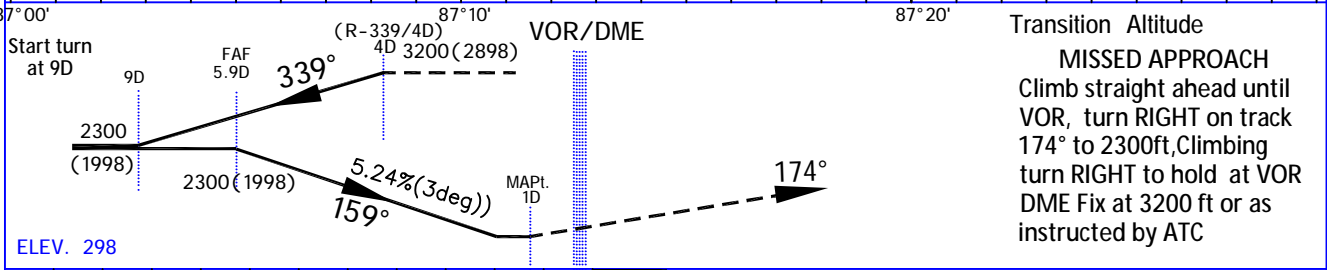
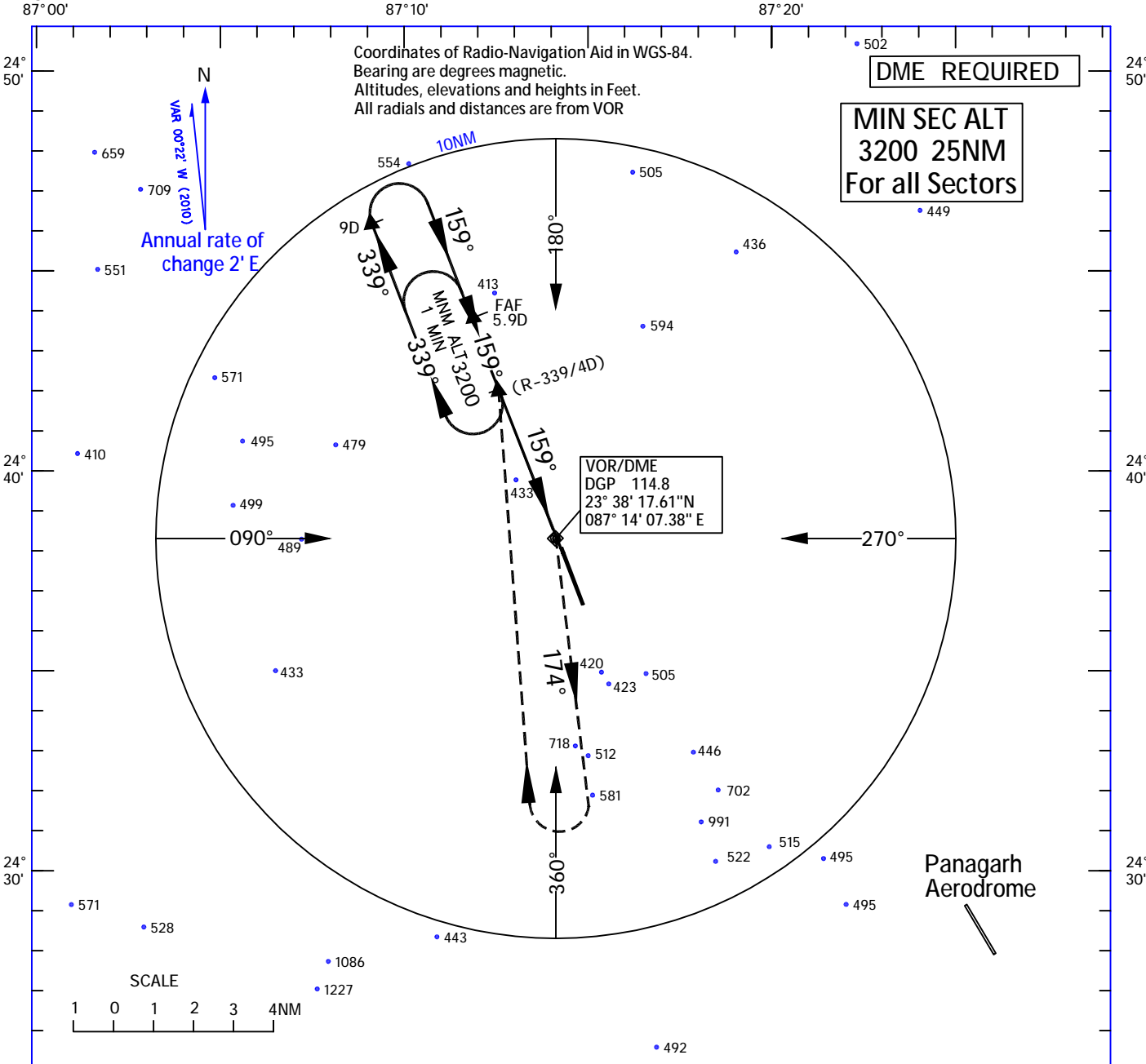


INSTRUMENT
APPROACH
CHART

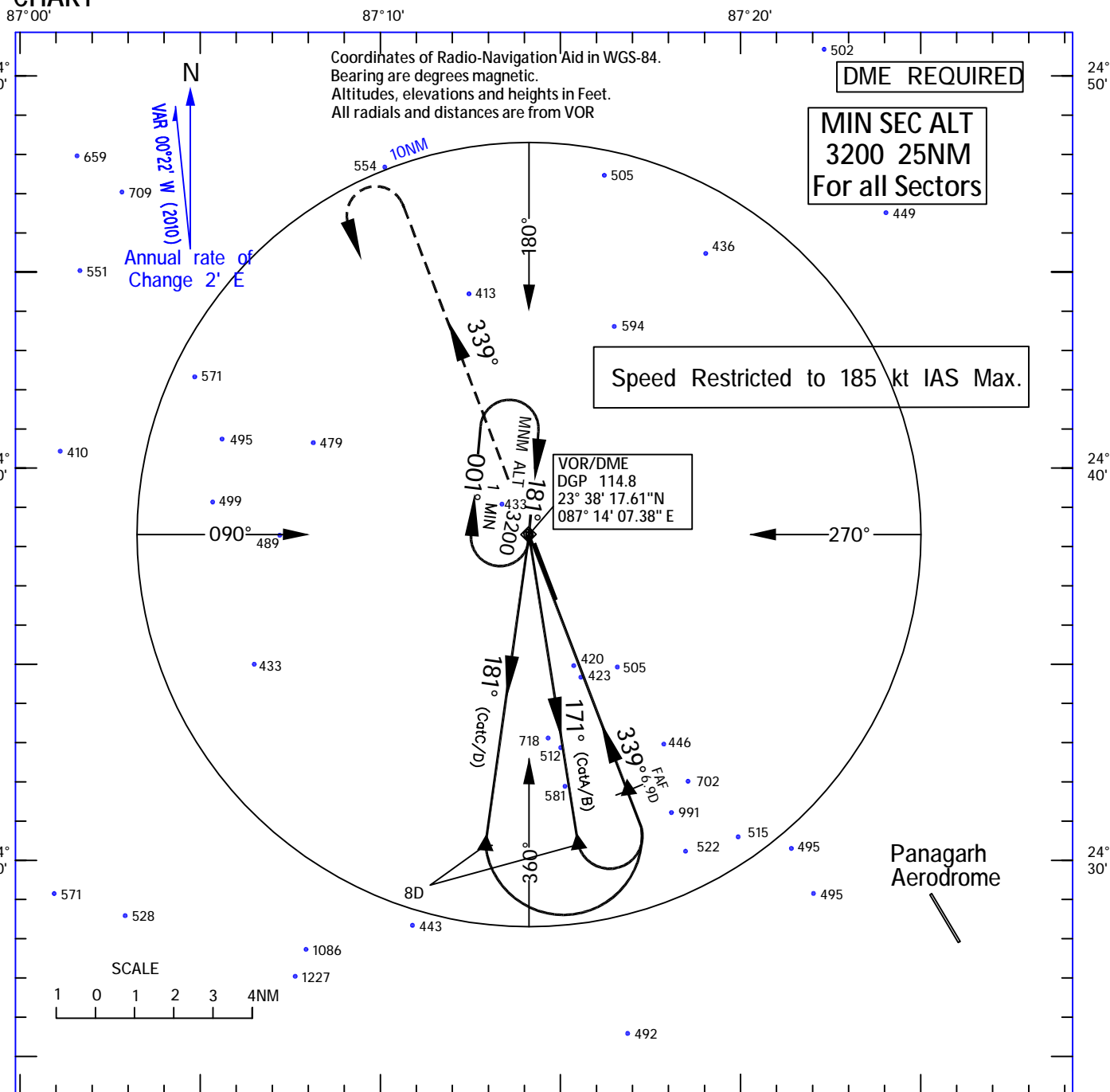
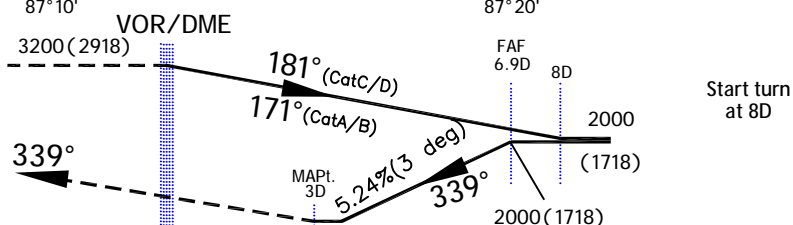
Aerodrome Elev. 302Ft
Height related to:
THR RWY16-Elev. 298Ft

APP 119.45
TWR 118.55

DURGAPUR
INDIA
VOR RWY 16



O C A			Distance / Altitude information						
CATEGORY OF AIRCRAFT	A/B	C/D	Distance (NM)	5D	4D	3D	2D	1D	
STRAIGHT-IN	700 (398)	700 (398)	Altitude (Ft)	2025	1710	1390	1070	755	
CIRCLING	2890	3330	Rate of Descent /Ground speed information						
			Ground speed (Kt)	80	100	120	140	160	180
			Rate of descent (Ft/min)	425	530	635	745	850	955
DRG. NO. AAI/ -IALC/13/11-05-2015									

**INSTRUMENT
APPROACH
CHART**Aerodrome Elev. 302Ft
Height related to:
THR RWY34-Elev. 282FtAPP 119.45
TWR 118.55**DURGAPUR
INDIA
VOR RWY 34**Panagarh
Aerodrome**MISSED APPROACH**
Climb straight ahead to
2300ft, Climbing turn LEFT
to hold over VOR at 3200
ft or as instructed by ATC

Nautical miles from THR RWY 34

O C A			Distance / Altitude information						
CATEGORY OF AIRCRAFT	A/B	C/D	Distance (NM)	6D	5D	4D	3D		
STRAIGHT-IN	850 (568)	850 (568)	Altitude (Ft)	1720	1400	1080	770		
CIRCLING	2890	3330	Rate of Descent / Ground speed information						
			Ground speed (Kt)	80	100	120	140	160	180
			Rate of descent (Ft/min)	425	530	635	745	850	955
DRG. NO. AAI/ -IALC/13/11-05-2015									