

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

VOBZ - VIJAYAWADA / INTL

VOBZ AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Aerodrome reference point coordinates and its site	163201N 0804812E MAG BRG 271.5 DEG and 795 M from Physical Extremity of RWY26	
2	Direction and distance of aerodrome reference point from the center of the city or town which the aerodrome serves	085 DEG, 23KM from Vijayawada City.	
3	Aerodrome elevation and reference temperature	83 FT / 40.0 DEG C	
4	Magnetic variation, date of information and annual change	1.25 DEG W (2010) /0.016 DEG E	
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	Airports Authority of India, Vijayawada Airport, Vijayawada-521102,	
		Telephone:	+91-8676-252729
		Fax:	+91-8676-254757
		AFS:	VOBZYDYX VOBZYHYX
		Email:	apd_vobz@AAI.AERO
6	Types of traffic permitted (IFR/VFR)	IFR/VFR	
7	Remarks	NIL	

VOBZ AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	MON-FRI 0400-1230 UTC (0930-1800 IST) SAT, SUN+ HO: NIL
2	Custom and immigration	NIL
3	Health and sanitation	NIL
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	NIL
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.

VOBZ AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	NIL
2	Fuel and Oil types	JET A1
3	Fuelling facilities and capacity	HPCL providing on wheel fuel facility (37 KL capacity) & BPCL
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	Nil

6	Repair facilities for visiting aircraft	Nil
7	Remarks	NIL

VOBZ 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	Snack bar Avbl.
3	Transportation possibilities	Buses, Taxis and Car hire from the city.
4	Medical Facilities	First aid at AD. Hospitals in the city.
5	Bank and post office at or in the vicinity of aerodrome	Banks: Nil Post office: Nil
6	Tourist office	In the city
7	Remarks	NIL

VOBZ AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	Aerodrome category for fire fighting	Within ATS HR: CAT-6
2	Rescue equipment	AVBL as per category.
3	Capability for removal of disabled aircraft	NilNil
4	Remarks	NIL

VOBZ AD 2.7 SEASONAL AVAILABILITY CLEARING

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

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

1	Designation, surface and strength of aprons	Designator: Apron II Surface: Asphalt Strength: PCN 66/F/C/W/T Designator: Apron-I Surface: Concrete Strength: PCN 63/R/C/W/T Designator: Old Apron Surface: Asphalt Strength: PCN 11/F/C/X/U
2	Designation, width, surface and strength of taxiways	Designator: TWY A Width: 23 M Surface: Asphalt Strength: PCN 67/F/C/W/T Designator: TWY C Width: 15 M Surface: Asphalt Strength: PCN 11/F/C/X/U
3	Location and elevation of altimeter checkpoints	Location At Apron-I Elevation 76FT
4	Location of VOR checkpoints	At runway Holding Position on TWY A
5	Position of INS checkpoints	NIL

6	Remarks	Dimension: Apron-I: 244.5 X 120M Apron-II: 106 X 76M Old Apron: 45 X 38M
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VOBZ 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 R/T, Guidelines at Apron
2	Runway and taxiway markings and lights	RWY Markings Marked: Designation, THR, TDZ, Centreline, Edge, End Lights THR, Edge, End TWY Marking Centreline, Holding Position & Edge Lights Edge (TWY A only)
3	Stop bars (if any)	Nil
4	Remarks	NIL

VOBZ 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
26/TKOF 08/APCH	OTHER	163146.8N 0804716.9E	95 FT	NIL	Mobile Road Traffic
26/TKOF 08/APCH	OTHER	163134.8N 0804659.6E	131 FT	NIL	OHWT
26/TKOF 08/APCH	OTHER	163149.1N 0804719.7E	91 FT	NIL	Mobile Road Traffic
26/TKOF 08/APCH	OTHER	163142.9N 0804712.5E	100 FT	NIL	Mobile Road Traffic
26/TKOF 08/APCH	POLE	163145.8N 0804714.4E	101 FT	NIL	Electric Pole
26/TKOF 08/APCH	TREE	163143.6N 0804710.6E	112 FT	NIL	Group of Trees
26/TKOF 08/APCH	POLE	163147.4N 0804716.3E	99 FT	NIL	Electric Pole
26/TKOF 08/APCH	OTHER	163142.8N 0804714.9E	99 FT	NIL	Lightening Arrester Rod
26/APCH 08/TKOF	OTHER	163207.3N 0804843.2E	78 FT	NIL	Mobile Road Traffic
In circling area and at AD	TREE	163151.3N 0804717.1E	125 FT	NIL	Group of Trees
In circling area and at AD	TREE	163149.3N 0804712.5E	129 FT	NIL	Group of Trees
In circling area and at AD	TREE	163202.1N 0804819.6E	140 FT	NIL	Group of Trees
In circling area and at AD	TREE	163151.6N 0804827.0E	136 FT	NIL	Group of Trees
In circling area and at AD	TREE	163204.8N 0804829.2E	120 FT	NIL	Group of Trees

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	OTHER	163202.2N 0804826.3E	75 FT	NIL	GP Hut
In circling area and at AD	TREE	163201.8N 0804809.4E	126 FT	NIL	Group of Trees
In circling area and at AD	WALL	163201.5N 0804819.0E	78 FT	NIL	Airport BDRY Wall with F/T
In circling area and at AD	TREE	163202.5N 0804815.5E	109 FT	NIL	Group of Trees
In circling area and at AD	TREE	163202.7N 0804824.6E	124 FT	NIL	Group of Trees
In circling area and at AD	BUILDING	163205.1N 0804827.0E	108 FT	NIL	House
In circling area and at AD	OTHER	163231.6N 0804823.1E	251 FT	NIL	Cell Phone Mast
In circling area and at AD	POLE	163206.0N 0804836.4E	84 FT	NIL	Electric Pole
In circling area and at AD	POLE	163206.8N 0804840.3E	86 FT	NIL	Electric Pole
In circling area and at AD	TREE	163208.6N 0804841.3E	115 FT	NIL	Group of Trees
In circling area and at AD	TREE	163210.3N 0804847.1E	112 FT	NIL	Group of Trees
In circling area and at AD	TREE	163155.2N 0804841.3E	109 FT	NIL	Group of Trees
In circling area and at AD	TREE	163154.0N 0804831.1E	87 FT	NIL	Group of Trees
In circling area and at AD	TREE	163150.7N 0804819.1E	118 FT	NIL	Group of Trees
In circling area and at AD	POLE	163156.2N 0804841.1E	75 FT	NIL	Electric Pole
In circling area and at AD	BUILDING	163148.3N 0804812.8E	110 FT	NIL	College Building
In circling area and at AD	TREE	163149.4N 0804813.2E	131 FT	NIL	Group of Trees
In circling area and at AD	TREE	163148.3N 0804808.2E	151 FT	NIL	Group of Trees
In circling area and at AD	BUILDING	163203.4N 0804826.5E	93 FT	NIL	Temple
In circling area and at AD	TREE	163158.0N 0804812.0E	90 FT	NIL	Tree
In circling area and at AD	BUILDING	163209.3N 0804843.9E	126 FT	NIL	House Top
In circling area and at AD	BUILDING	163227.9N 0804822.2E	274 FT	NIL	Cell Phone Tower
In circling area and at AD	POLE	163145.0N 0804747.5E	92 FT	NIL	Light Pole
In circling area and at AD	POLE	163144.6N 0804745.8E	91 FT	NIL	Light Pole
In circling area and at AD	OTHER	163144.8N 0804744.3E	98 FT	NIL	WDI
In circling area and at AD	POLE	163144.1N 0804743.9E	92 FT	NIL	Light Pole
In circling area and at AD	POLE	163143.8N 0804741.7E	92 FT	NIL	Light Pole

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	POLE	163141.7N 0804736.4E	149 FT	LGTD	Beacon on ATC-Top
In circling area and at AD	OTHER	163925.5N 0804537.7E	705 FT	NIL	Hill Top
In circling area and at AD	OTHER	163650.1N 0804130.2E	715 FT	NIL	Hill Top
In circling area and at AD	OTHER	163818.1N 0804558.7E	656 FT	NIL	Hill Top

VOBZ AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Name of the associated meteorological office	AMO Vijayawada
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	H24
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	Hyderabad 9 HR (00-09,03-12,06-15 and 09-18)
4	Availability of the trend forecast for the aerodrome and interval of issuance	NIL
5	Information on how briefing and/or consultation is provided	As ATS
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	Vijayawada ATC and ACS
10	Additional information, e.g. concerning any limitation of service.	NIL

VOBZ 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
08	77.75 DEG	2286 x 45 M	64/F/C/W/T	THR: 163146.30N 0804729.20E
26	257.75 DEG	2286 x 45 M	64/F/C/W/T	THR: 163200.90N 0804838.90E

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: 78.0FT TDZ: 78.0FT	-0.16%	NIL	NIL	2406 x 150 M
THR: 71.0FT TDZ: 71.0FT	0.16%	NIL	NIL	2406 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
		---	From beginning of RWY 08 upto 1623M PCN: 64/F/C/W/T and in rest of 663M PCN: 63/R/C/W/T
		---	From beginning of RWY 26 upto 663M PCN: 63/R/C/W/T and in rest of 1623M PCN: 64/F/C/W/T

VOBZ 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
08	2286	2286	2286	2108	
26	2286	2286	2286	2286	

VOBZ 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
08	SALS 420 M	Green	PAPI	
26	SALS 300 M	Green	PAPI /3.00 DEG	

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
	2286 M 60 M White LIH	Red		NIL
	2286 M 60 M White LIH	Red		Location of PAPI RWY26 312.34M FM RWY26

VOBZ 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 ATSA at Tower Building, FLG W&G EV2SEC
		IBN	NIL
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	255M East of ATS Tower, not lighted
		Anemometer	86M West of ATC Tower, not lighted
3	Taxiway edge and taxiway centre line lights;	Edge	AVBL for TWY 'A' only
		Centre Line	NIL
4	Secondary power supply including switch-over time;	Secondary Power supply to all lighting at AD. Switch-over time 15 sec	
5	Remarks	NIL	

VOBZ 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

VOBZ AD 2.17 AIR TRAFFIC SERVICE AIRSPACE

1	Airspace designation, geographical coordinates and lateral limits	CTR: Area bounded by lines joining points 163749N 0812409E; 163224N 0811244E then along the clockwise arc of a circle of 25NM radius centred on DVOR BBZ (163118N 0804734E) to 165029N 0810349E; 165549N 0811512E to point of origin.
2	Vertical limits	FL 145
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	Vijayawada Tower, English
5	Transition altitude	4000 FT
6	Hours of applicability	HO
7	Remarks	NIL

VOBZ AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
TWR	Vijayawada Tower	118.550 MHZ	
TWR	Vijayawada Tower	118.650 MHZ	
ATIS	Vijayawada Information	128.400 MHZ	

Logon address, as appropriate	Hours of operation	Remarks
5	6	7
	As ATS	NIL
	AS ATS	Alternate Frequency
	As ATS	NIL

VOBZ 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 26	IVJA	109.500 MHz	AS ATS
GP 26	IVJA	332.600 MHz	AS ATS
DME ILS 26	IVJA	CH32X	AS ATS
DVOR/DME	BBZ	116.200 MHz CH109X	As ATS
NDB	BZ	393 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
163143.3N 0804715.5E			
163202.3N 0804827.0E			
163202.3N 0804827.0E	69 FT		Collocated with GP
163118.3N 0804733.7E	98 FT		
163126.1N 0804717.1E			

VOBZ AD 2.20 LOCAL AERODROME REGULATIONS

NIL

VOBZ AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VOBZ AD 2.22 FLIGHT PROCEDURES

NIL

VOBZ AD 2.23 ADDITIONAL INFORMATION

- 1.TWY connecting RWY 08/26 with new apron designated as 'A'. Located at 731M from beginning RWY 26 left side.
- 2.TWY connecting RWY 08/26 with old apron designated as 'C'. Located at 546M from beginning RWY 08 right side.
- 3.Details of stands at Apron-I

STAND	COORD	RMK
1.	16 31 35.47N 080 47 55.20E	UPTO A321
2.	16 31 35.17N 080 47 53.77E	UPTO A321
3.	16 31 34.86N 080 47 52.34E	UPTO A321
4.	16 31 34.54N 080 47 50.91E	UPTO A321

- 4.ADS-B Commissioned at Vijayawada Airport with following Details:

FREQ: 1090MHZ

COORD: 16.528826N 80.793660E

SITE ELEV: 61.728216M/202.53FT AMSL

VOBZ AD 2.24 CHARTS RELATED TO AN AERODROME

- 1.Aerodrome Obstacle Chart Type- A (Operating Limitations) RWY 08
- 2.Aerodrome Obstacle Chart Type- A (Operating Limitations) RWY 26
- 3.ILS Procedure RWY 26 ((DME Required)
- 4.VOR Procedure RWY 08
- 5.VOR Procedure RWY 26
- 6.NDB Procedure RWY 26

ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART
TYPE -A (OPERATING LIMITATIONS)

INDIA/VIJAYAWADA
VIJAYAWADA AIRPORT/RWY 08

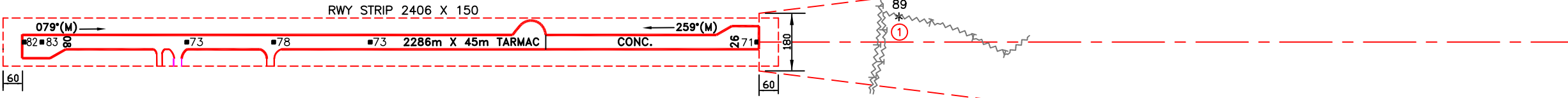
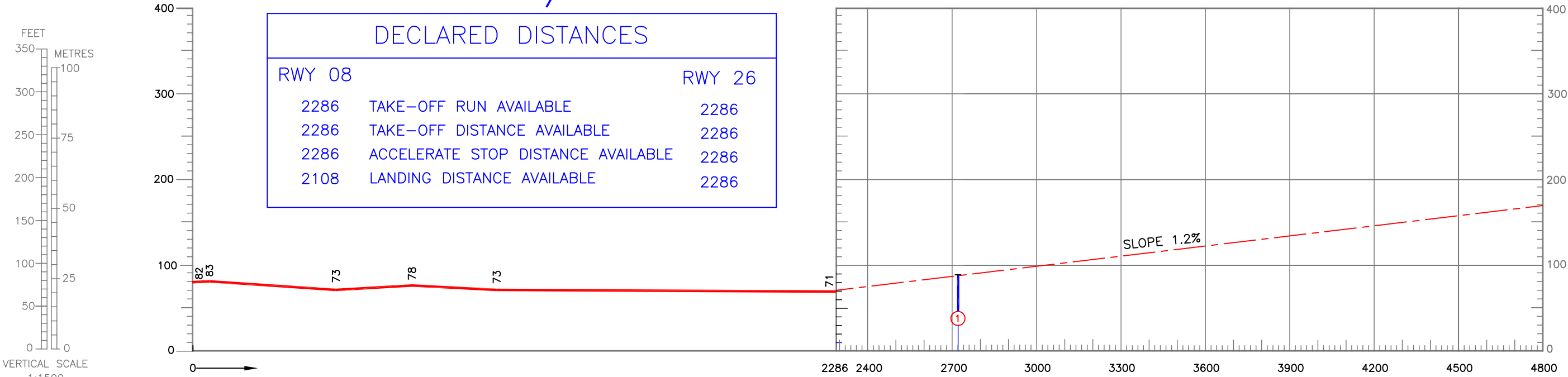
CONSULT NOTAM FOR LATEST INFORMATION

MAGNETIC VARIATION -1°W (2010)

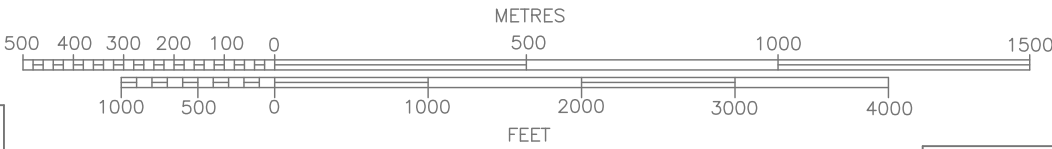
RWY 08/26

DECLARED DISTANCES

RWY 08		RWY 26
2286	TAKE-OFF RUN AVAILABLE	2286
2286	TAKE-OFF DISTANCE AVAILABLE	2286
2286	ACCELERATE STOP DISTANCE AVAILABLE	2286
2108	LANDING DISTANCE AVAILABLE	2286



HORIZONTAL SCALE - 1:15000



LEGEND

	PLAN	PROFILE
IDENTIFICATION NUMBER	①	
TREE	*	
HIGH TENSION LINE	~~~~~	
RWY ELEV.(SPOT)	■78	
HEIGHT AMSL(ft.)	89	

ORDER OF ACCURACY

HORIZONTAL - 3.0m
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 not taken as obstacle.
5. Declared Distances as per Notam No.C0350/11.
6. All obstacles shown in this chart are based on aeronautical obstacle Survey Dec.,2010.

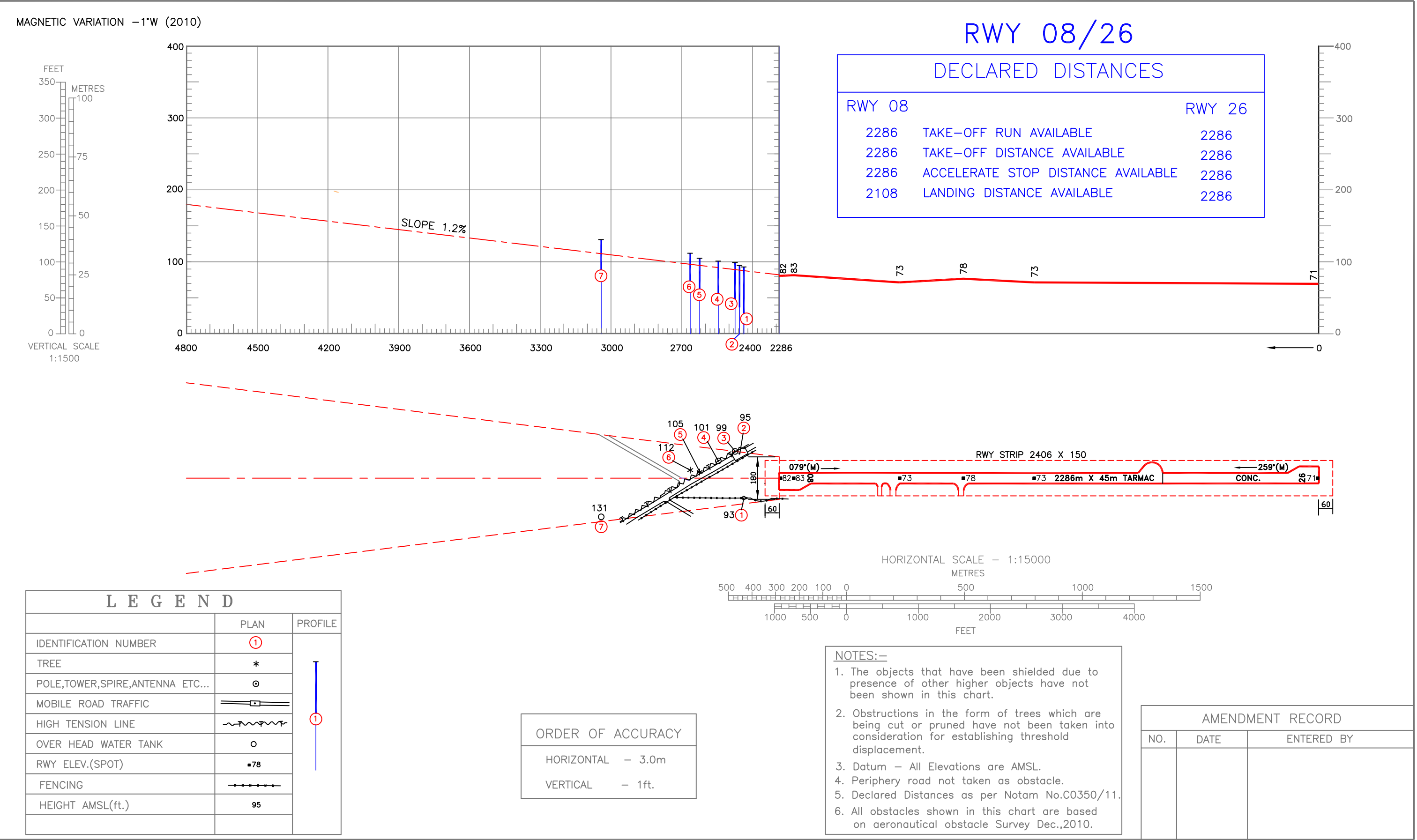
AMENDMENT RECORD

NO.	DATE	ENTERED BY

ELEVATIONS IN FEET
ALL OTHER DIMENSIONS IN METRES

AERODROME OBSTACLE CHART
TYPE -A (OPERATING LIMITATIONS)

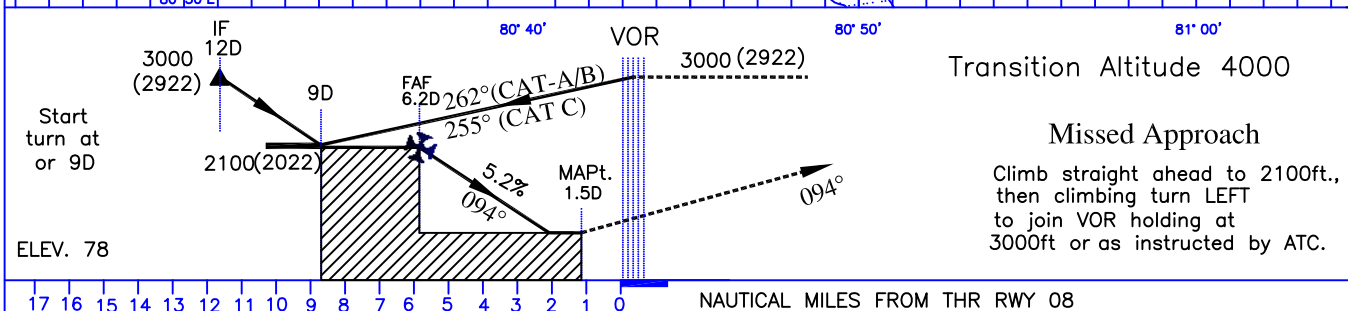
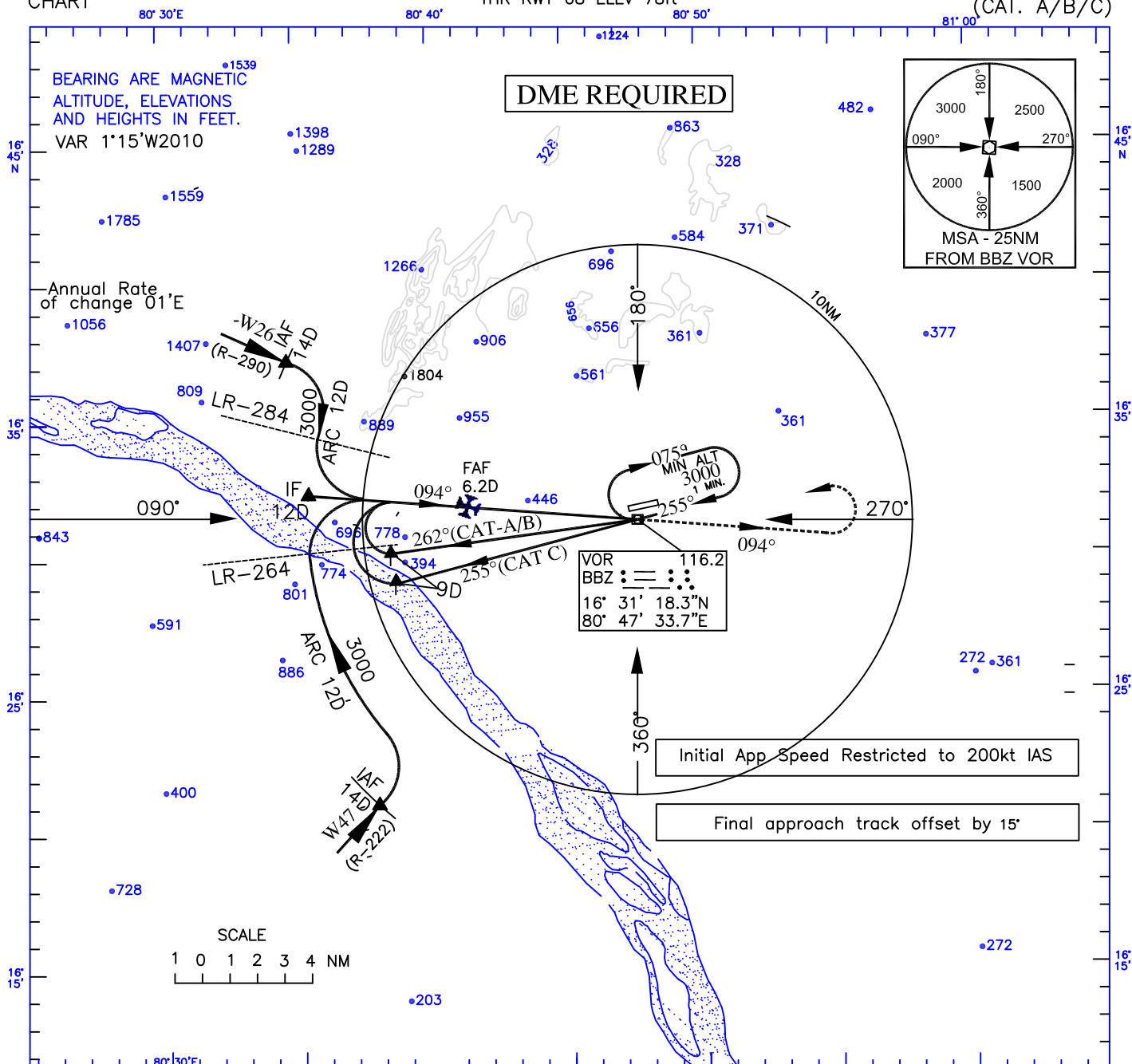
INDIA/VIJAYAWADA
VIJAYAWADA AIRPORT/RWY 26
CONSULT NOTAM FOR LATEST INFORMATION





INSTRUMENT
APPROACH
CHARTAERODROME ELEV 82ft.
HEIGHTS RELATED TO
THR RWY 08 ELEV 78ft

TWR.118.55

VIJAYAWADA(VOBZ)
INDIA
VOR RWY 08
(CAT. A/B/C)

O C A (H)			Distance / Altitude information						
CATEGORY OF AIRCRAFT	A/B	C	Distance(NM)	6.2D	6D	5D	4D	3D	2D
STRAIGHT-IN	750(672)	750(672)	Altitude (ft.)	2100	2040	1720	1410	1090	770
VISUAL CIRCLING	890(808)	890(808)	Rate of Descent /Ground speed information						
			Ground speed (kt.)		80	100	120	140	
			Rate of descent (ft/min)		420	525	630	735	

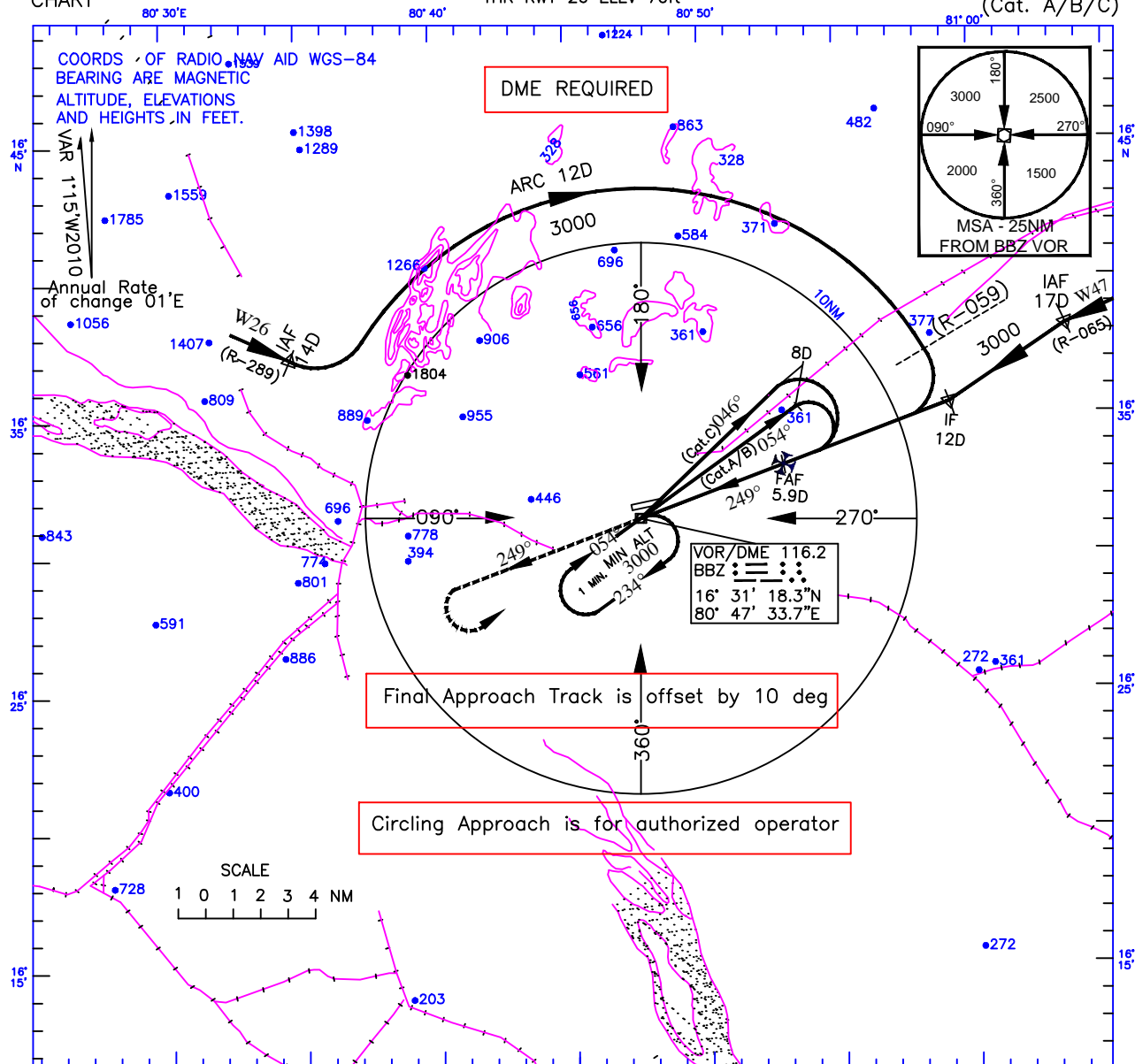
DRG. NO. AAI/08-IALC/05/19-07-2018

INSTRUMENT
APPROACH
CHART

AERODROME ELEV 82ft.
HEIGHTS RELATED TO
THR RWY 26 ELEV 70ft

APP.118.55
TWR.118.55

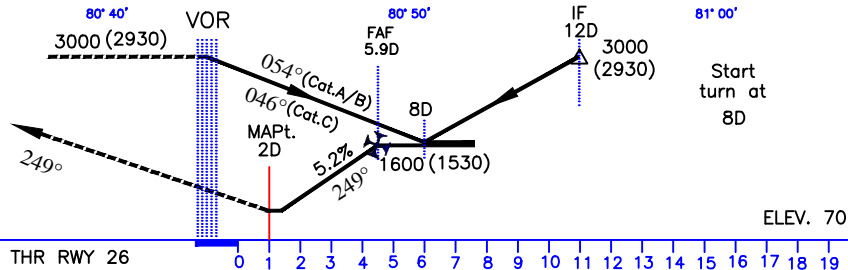
VIJAYAWADA
INDIA
VOR RWY 26
(Cat. A/B/C)



Transition Altitude 4000

Missed Approach

Climb straight ahead to 2000ft.,
then climbing turn LEFT
to join VOR holding at
3000ft or as instructed by ATC.



NAUTICAL MILES FROM THR RWY 26

CATEGORY OF AIRCRAFT	OCA(H)		Distance / Altitude information			
	A/B	C	Distance(NM)	5.9D	5D	4D
STRAIGHT-IN	490(420)	490(420)	Altitude (ft.)	1600	1330	1020
			Rate of Descent /Ground speed information			
VISUAL CIRCLING	680(598)	890(808)	Ground speed (kt.)	80	100	120
			Rate of descent (ft/min)	420	525	630

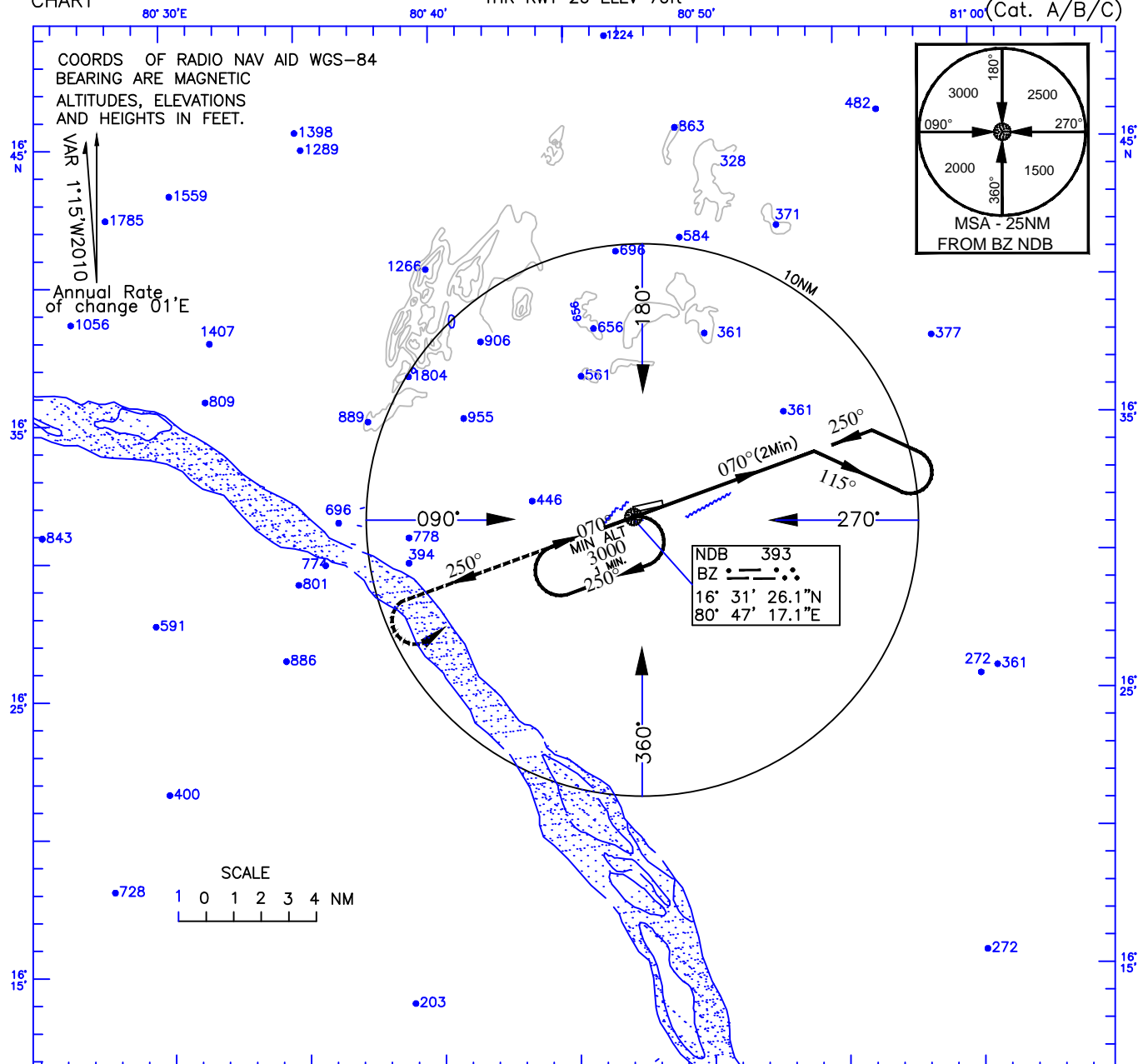
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INSTRUMENT
APPROACH
CHART

AERODROME ELEV 82ft.
HEIGHTS RELATED TO
THR RWY 26 ELEV 70ft

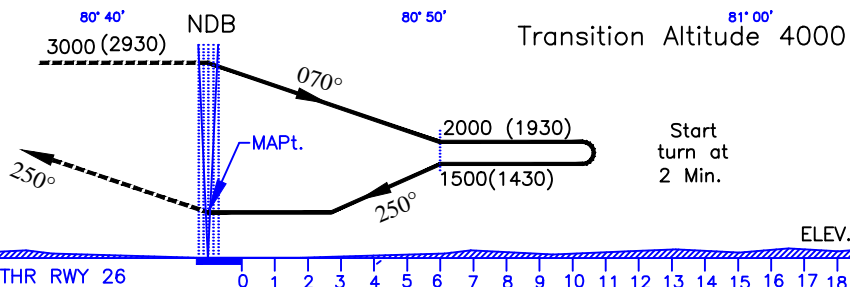
TWR.118.55

VIJAYAWADA
INDIA
NDB RWY 26
(Cat. A/B/C)



Missed Approach

Climb straight ahead to 3000ft.,
Then turn LEFT to join NDB holding
or as instructed by ATC.



OCA		
CATEGORY OF AIRCRAFT	A/B	C
STRAIGHT-IN	680 (610)	680 (610)
VISUAL CIRCLING	680 (598)	840 (758)

DRG. NO. AAI/04-IALC/98/01-05-2016