

OEBH AD 2.1 AERODROME LOCATION INDICATOR AND NAME**OEBH - BISHA / Bisha (Domestic)****OEBH AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	195903N 0423723E
2	Direction and distance from (city)	2NM SE
3	Elevation/Reference temperature	3887 FT / 33° C
4	Geoid undulation at AD ELEV PSN	NIL
5	MAG VAR/Annual change	2°E (2010)
6	AD Administration, address, telephone, telefax, telex, AFS	General Authority of Civil Aviation P.O.Box 213 Bisha Airport Bisha, Saudi Arabia TEL: +966 17 6225004 FAX: +966 17 6226006 Telex: 933029 SAUDIA SJ
7	Types of traffic permitted (IFR/VFR)	IFR and VFR
8	Remarks	Uncontrolled aerodrome joint user GACA / RSAF. PPR except Saudia Airlines.

OEBH AD 2.3 OPERATIONAL HOURS

1	AD Administration	HS SUN - THU 05:00 - 13:00 (0800-1600 LMT)
2	Customs and immigration	HO
3	Health and sanitation	NIL
4	AIS Briefing Office	NIL
5	ATS Reporting Office (ARO)	NIL
6	MET Briefing Office	H24
7	ATS	HS 04:00-20:00
8	Fuelling	HO
9	Handling	HO
10	Security	H24
11	De-icing	NIL
12	Remarks	Operational hours 05:00-20:59 UTC

OEBH AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	HO - Saudia Airlines
2	Fuel/oil types	Fuel: JET A1 / NIL
3	Fuelling facilities/capacity	Tankers - Delivery rate variable
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

OEBH AD 2.5 PASSENGER FACILITIES

1	Hotels	In the city
2	Restaurants	Snack Bar
3	Transportation	Taxi
4	Medical facilities	Clinic in the airport
5	Bank and Post Office	ATM in the airport
6	Tourist Office	NIL
7	Remarks	NIL

OEBH AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 7
2	Rescue equipment	Yes
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

OEBH AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Types of clearing equipment	NIL
2	Clearance priorities	NIL
3	Remarks	NIL

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

1	Apron surface and strength	Surface: Concrete Strength: 41/R/C/W/T
2	Taxiway width, surface and strength	Width: 23 M Surface: Asphalt Strength: 58/F/B/W/T
3	Altimeter checkpoint location and elevation	NIL
4	VOR checkpoints	NIL
5	INS checkpoints	NIL
6	Remarks	NIL

OEBH AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Apron Navigational Marking
2	RWY and TWY markings and LGT	RWY Marking: CL , Side Strip , ID , THR , TDZ , SWY, Pre THR RWY Lighting: Edge, Runway end and Threshold TWY Marking: CL , Edge, Holding position TWY Lighting: Edge, Guidance signs
3	Stop bars	NIL
4	Remarks	NIL

OEBH AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas			In circling area and at AD		Remarks
1			2		3
RWY NR/Area affected	Obstacle type Elevation Markings/LGT	Coordinates	Obstacle type Elevation Markings/LGT	Coordinates	
a	b	c	a	b	
NIL	NIL	NIL	NIL	NIL	NIL

OEBH AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Bisha MET Office
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	Jeddah Central Forecast Office (CFO) (TAF periods of validity H30). TEL: +966 12 6532173 and +966 12 6532197 FAX: +966 12 6530197
4	Trend forecast Interval of issuance	NIL
5	Briefing/consultation provided	NIL
6	Flight documentation Language(s) used	NIL
7	Charts and other information available for briefing or consultation	NIL
8	Supplementary equipment available for providing information	NIL
9	ATS units provided with information	Bisha AFIS TWR
10	Additional information (limitation of service, etc.)	TEL: +966 17 6226022

METEOROLOGICAL DATA												
MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURES (C)												
TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MAXIMUM	32.4	34.4	38.6	34.6	39.5	40.6	42.3	41.6	40.4	35.6	31.8	31.9
MINIMUM	3.9	7.1	15.2	12.9	18.7	21	21.6	20.8	18	11	6.1	9.4
MEAN PRESSURE IN HECTOPASCALS (HPA) FOR EACH MONTH												
	887.8	887.8	884.8	885.1	884	881.5	879.4	880.2	882.9	886	887.9	888.1

OEBH AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE & MAG BRG	Dimensions of RWY(M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
18	186° GEO 184° MAG	3050 x 45	58/F/B/W/T Asphalt	195952.44N 0423728.48E	THR 3876 FT TDZ 3876 FT
36	6° GEO 4° MAG	3050 x 45	58/F/B/W/T Asphalt	195813.77N 0423717.84E	THR 3887 FT

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0.15% up	300 x 45	450	NIL	NIL	NIL
0.15% down	300 x 45 Plus 150 x 23 M	450	NIL	NIL	NIL

OEBH AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
18	3050	3500	3350	3050	NIL
36	3050	3500	3350	3050	NIL

OEBH AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing, colour INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
18	CAT I 900 M LIH	Green	PAPI 3° 1 bar Both side	NIL	NIL	3050 M 60 M White LIH	Red	NIL	NIL
36	CAT I 900 M LIH	Green	PAPI 3° 1 bar Both side	NIL	NIL	3050 M 60 M White LIH	Red	NIL	NIL

OEBH AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and operational hours	ABN: on TWR, ALTN GW SS-SR and O/R
2	LDI location and LGT Anemometer location and LGT	WDI : Lighted
3	TWY edge and centre line lighting	EDGE
4	Secondary power supply/switch-over time	07 SEC
5	Remarks	NIL

OEBH AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO Geoid undulation	NIL
2	TLOF and/or FATO elevation M/FT	NIL
3	TLOF and FATO area dimensions, surface, strength, marking	NIL
4	True BRG of FATO	NIL
5	Declared distance available	NIL
6	APP and FATO lighting	NIL
7	Remarks	NIL

OEBH AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	ATZ: Circle with radius of 5NM centred on 195903N 0423723E
2	Vertical limits	SFC to 6500 FT
3	Airspace classification	G
4	ATS unit call sign Language(s)	Bisha Tower English and Arabic
5	Transition altitude	13000 FT
6	Remarks	NIL

OEBH AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	Bisha Tower	118.300 MHZ DOC 5 NM/6500 FT	04:00-20:00	Bisha Tower Primary Frequency
		263.600 MHZ DOC 5 NM/6500 FT	04:00-20:00	UHF Frequency
		121.500 MHZ	04:00-20:00	VHF Emergency
		243.000 MHZ	04:00-20:00	UHF Emergency
	Bisha Ground	121.9MHZ DOC 5 NM/GND	04:00-20:00	Bisha Ground Primary Frequency
		355.9MHZ DOC 5 NM/GND	04:00-20:00	UHF
TIBA	TIBA	122.800MHZ	16:00-04:00	TIBA procedure to be applied in non AFIS operating hours and outside Bisha ATZ. Call Bisha Tower 15 MIN before ARR time

OEBH AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR, CAT of ILS/MLS (For VOR/ILS/MLS, give declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR/DME	BSH	112.300 MHZ CH 70X	H24	195839.6N 0423728.4E	3900 FT	
LOC RWY 18 ILS CAT I	IBSH	110.100 MHZ	H24	195754.5N 0423715.8E		
GP		334.400 MHZ	H24	195941.8N 0423731.7E		
DME	IBSH		H24	195941.8N 0423731.7E	3900 FT	DME reads Zero at the DME antenna

OEBH AD 2.20 LOCAL TRAFFIC REGULATIONS

NIL

OEBH AD 2.21 NOISE ABATEMENT PROCEDURES

Aircraft operated below ALT 10 000 FT, anywhere, must not exceed the following values of indicated airspeed (IAS), except that the minimum safe operating speed for a particular aircraft shall always be the determining factor when it is greater than the maximum speeds prescribed below unless otherwise authorized or required by an ATC unit.

Within an aerodrome traffic circuit:

Turbine engine aircraft - 200 KT (230 MPH / 370 KPH); unless otherwise authorized or required by an ATC unit.

Elsewhere:

250 KT (288 MPH / 460 KPH).

OEBH AD 2.22 FLIGHT PROCEDURES**2.22.1 General**

- All aircraft landing within or over flying Bisha ATZ shall call bisha TWR for assistance.
- All aircraft operating within Bisha ATZ shall reference altimeters to the officially reported QNH for Bisha Airport when at or below the TA.

- All aircraft landing within or over flying bisha to contact Bisha TWR at least 15 minutes before entering Biah ATZ and to maintain continuous listening to Bisha TWR frequency.

2.22.2 Communications

- Two-way VHF/UHF voice communications capability is mandatory for all flights intending to operate within Bisha ATZ.

2.22.3 Communications Failure

Two-way radio communication failure procedure

- Squawk 7600 mode A/3.
- Follow COM failure procedure on ENR 1.6.

2.22.4 Traffic Circuit

- Circuit area is contained within a 5NM radius of Bisha ATZ.
- Circuit height: 1500 FT AGL.

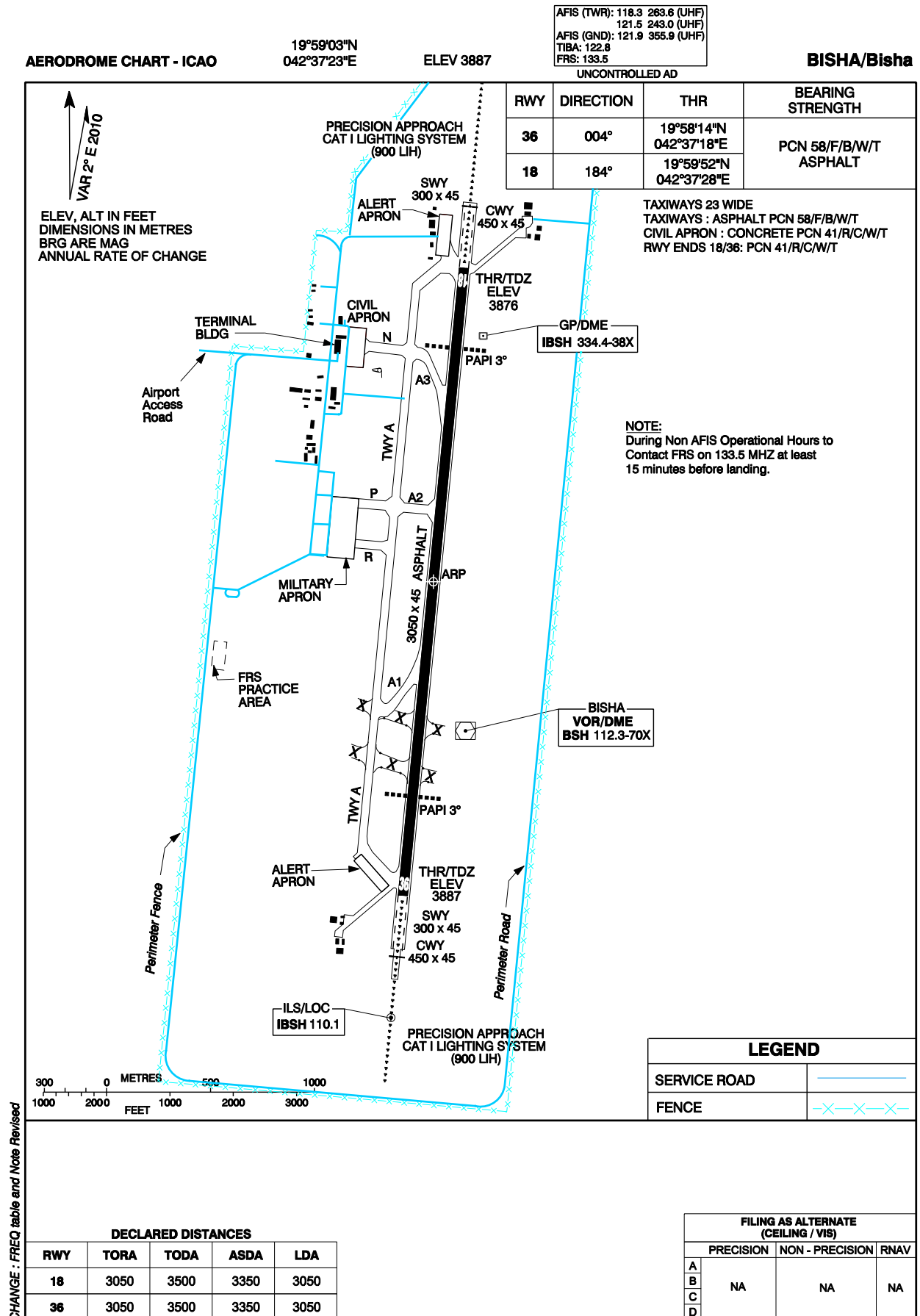
OEBH AD 2.23 ADDITIONAL INFORMATION

NIL

OEBH AD 2.24 CHARTS RELATED TO AN AERODROME

Chart name	Page
Aerodrome Chart - ICAO	AD 2-OEBH-9
Instrument Approach Chart - ICAO (ILS/DME RWY 18)	AD 2-OEBH-11
ILS/DME RWY 18 (Aeronautical data tabulation)	AD 2-OEBH-12
Instrument Approach Chart - ICAO (VOR/DME or TACAN RWY 18)	AD 2-OEBH-13
VOR/DME or TACAN RWY 18 (Aeronautical data tabulation)	AD 2-OEBH-14
Instrument Approach Chart - ICAO (VOR/DME or TACAN RWY 36)	AD 2-OEBH-15
VOR/DME or TACAN RWY 36 (Aeronautical data tabulation)	AD 2-OEBH-16
Instrument Approach Chart - ICAO (VOR RWY 18)	AD 2-OEBH-17
VOR RWY 18 (Aeronautical data tabulation)	AD 2-OEBH-18
Instrument Approach Chart - ICAO (RNAV ILS/DME RWY 18)	AD 2-OEBH-19
RNAV ILS/DME RWY 18 (Aeronautical data tabulation)	AD 2-OEBH-20

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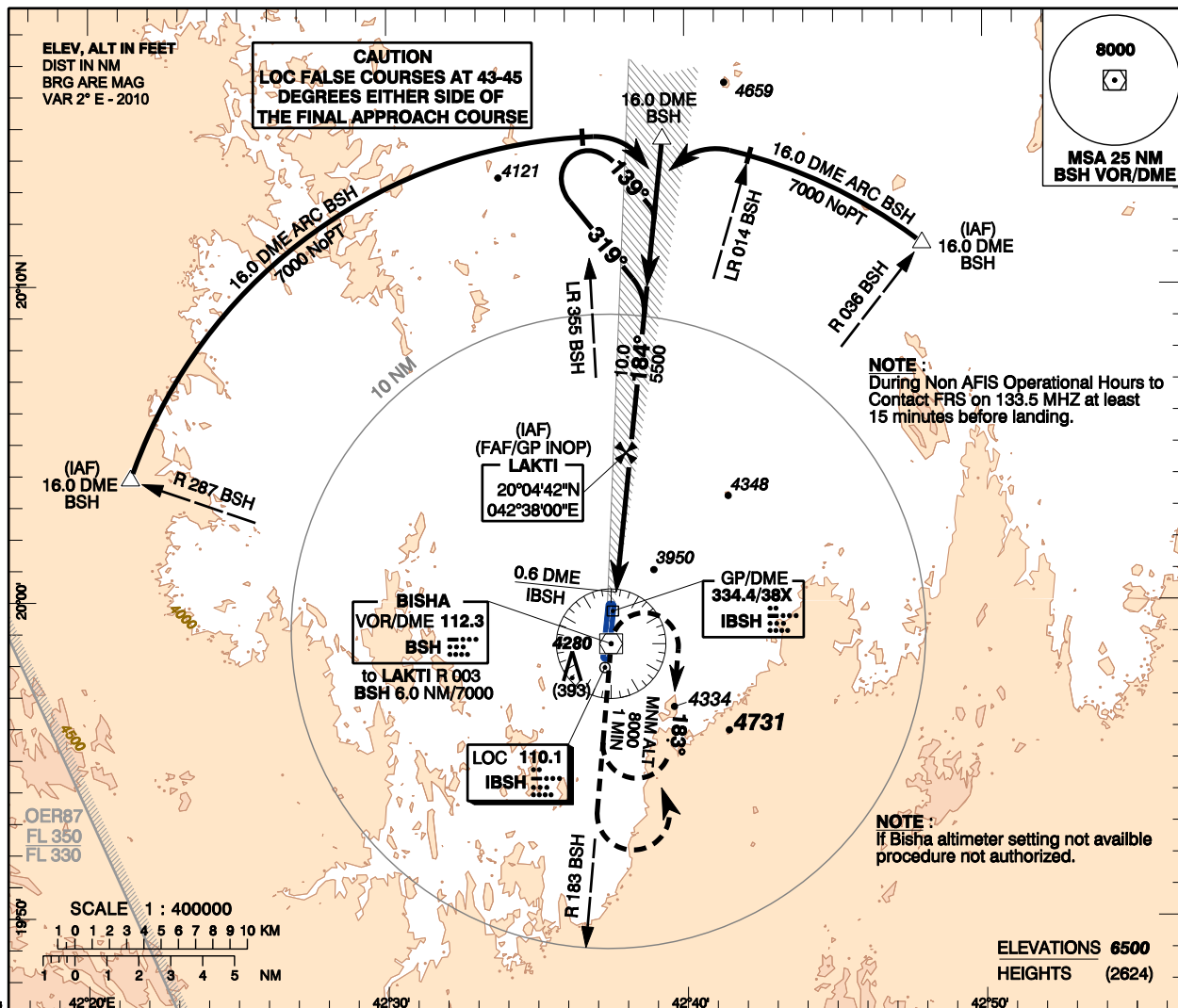
**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 3887 ft
HEIGHTS RELATED TO
TDZ RWY 18 - ELEV 3876 ft

AFIS (TWR): 118.3 263.6 (UHF)
121.5 243.0 (UHF)
AFIS (GND): 121.9 355.9 (UHF)
TIBA: 122.8
FRS: 133.5
UNCONTROLLED AD

BISHA/Bisha (OEBH)

ILS/DME RWY 18



CHANGE : FREQ table and Notes Revised

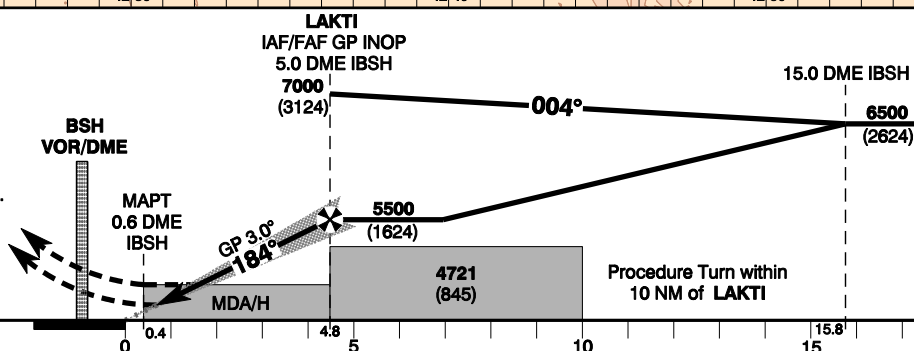
TRANSITION ALT 13000
TRANSITION LEVEL FL150

MISSED APPROACH

Climb to **6000 FT** via BSH
VOR/DME RDL183 BSH, then
climbing left turn to **8000 FT**
direct BSH VOR/DME and hold.

ILS TCH 56

THR ELEV 3887/ TDZE 3876
NM to/from THR RWY 18



Amdt : 9, 19 JAN 06

		ACFT CAT	A	B	C	D												
Straight-in Approach	CAT I	DA(H)	4076 (200)				GND SPEED	Knots	70	90	110	120	130	150	170	190		
		RVR/VIS(m)	1200				FAF-MAPT 4.4 NM	min:s	3:46	2:56	2:24	2:12	2:02	1:46	1:33	1:23		
	GP INOP	MDA(H)	4300 (424)				Rate of Descent	ft/min	371	478	584	637	690	796	902	1008		
		VIS(m)	1600		2000													
Circling		MDA(H)	4680 (793)	4740 (853)	4840 (953)	5240 (1353)	DME IBSH NM	4		3			2					
		VIS(m)	1600	2000	4800		ALT (HGT) 3.0° APCH											

BISHA/Bisha (OEBH)

ILS/DME RWY 18

AERONAUTICAL DATA TABULATION

ILS/DME approach to RWY 18 from BSH VOR/DME		
Fix/point	Coordinates	
IF - 16.0 DME BSH	20°14'38.0"N	042°39'15.1"E
LAKTI (IAF/FAF GP INOP) - 5.0 DME IBSH	20°04'42.3"N	042°37'59.8"E
IBSH ILS/LOC	19°57'54.5"N	042°37'15.7"E
IBSH ILS GP/DME	19°59'41.8"N	042°37'31.7"E
BSH VOR/DME	19°58'39.6"N	042°37'28.4"E
THR RWY 18	19°59'52.44"N	042°37'28.48"E

CHANGE : IF - 16.0 DME BSH added

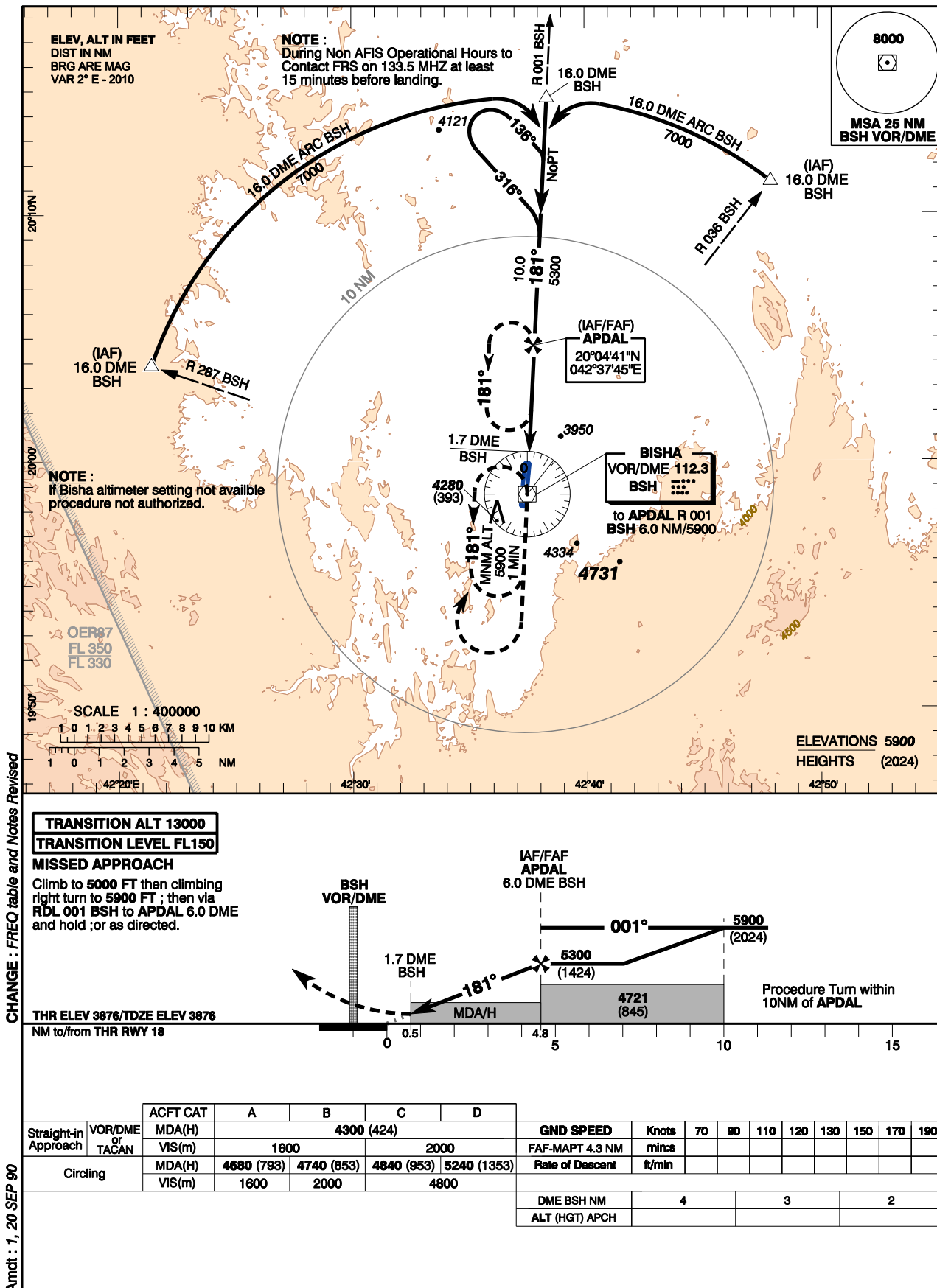
Amdt : 9, 19 JAN 06

**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 3887 ft
HEIGHTS RELATED TO
TDZ RWY 18 - ELEV 3876 ft

AFIS (TWR): 118.3 263.6 (UHF)
121.5 243.0 (UHF)
AFIS (GND): 121.9 355.9 (UHF)
TIBA: 122.8
FRS: 133.5
UNCONTROLLED AD

BISHA/Bisha (OEBH)
VOR/DME or TACAN RWY 18



BISHA/Bisha (OEBH)

VOR/DME or TACAN RWY 18

AERONAUTICAL DATA TABULATION

VOR/DME or TACAN approach to RWY 18 from BSH VOR/DME		
Fix/point	Coordinates	
16.0 DME BSH	20°14'41.9"N	042°38'21.8"E
APDAL (IAF/FAF) - 6.0 DME BSH	20°04'40.8"N	042°37'44.8"E
BSH VOR/DME	19°58'39.6"N	042°37'28.4"E
THR RWY 18	19°59'52.44"N	042°37'28.48"E

CHANGE : 16.0 DME BSH added

Amdt : 1, 20 SEP 90

VOR/DME or TACAN RWY 36



BISHA/Bisha (OEBH)

VOR/DME or TACAN RWY 36

AERONAUTICAL DATA TABULATION

VOR/DME or TACAN approach to RWY 36 from BSH VOR/DME		
Fix/point	Coordinates	
NONSO (IAF/FAF) - 6.0 DME BSH	19°52'48.9"N	042°35'55.9"E
14.0 DME	19°45'01.4"N	042°33'53.5"E
6.1 DME TO 14.0 DME	19°39'05.1"N	042°32'19.3"E
BSH VOR/DME	19°58'39.6"N	042°37'28.4"E
THR RWY 36	19°58'13.77"N	042°37'17.84"E

Amdt : 2, 28 OCT 04 CHANGE : 14.0 DME & 6.1 DME TO 14.0 DME added

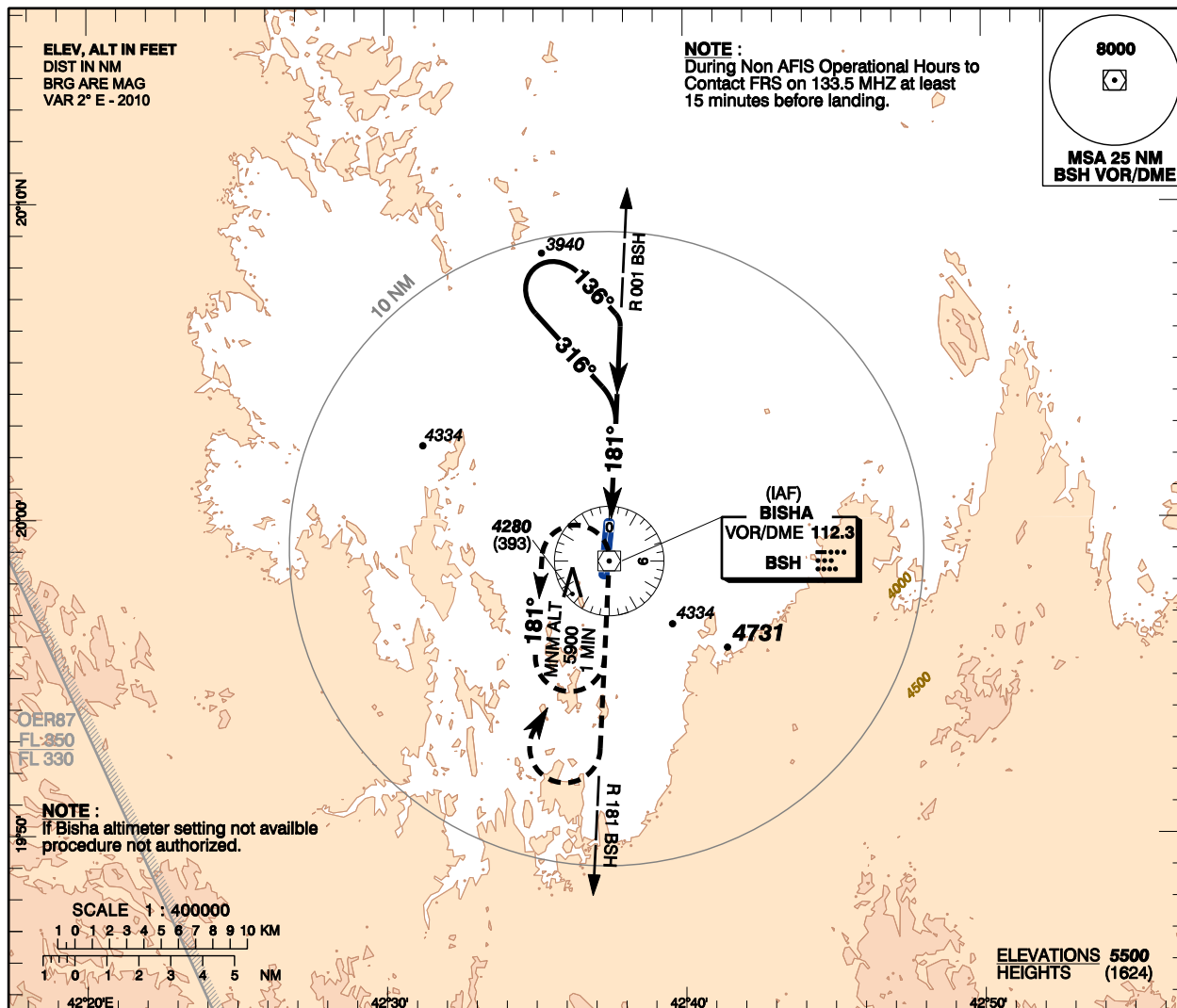
**INSTRUMENT
APPROACH
CHART - ICAO**

AERODROME ELEV 3887 ft
**HEIGHTS RELATED TO
TDZ RWY 18 - ELEV 3876 ft**

AFIS (TWR): 118.3 263.6 (UHF)
121.5 243.0 (UHF)
AFIS (GND): 121.9 355.9 (UHF)
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UNCONTROLLED AD

BISHA/Bisha (OEBH)

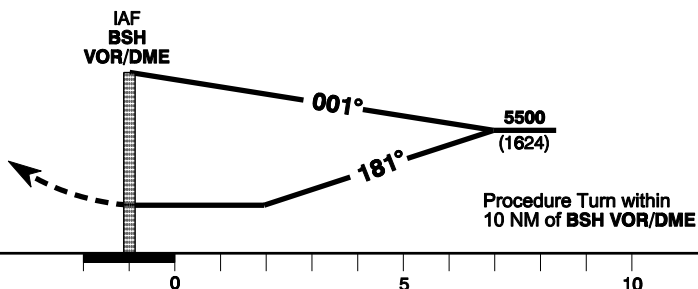
VOR RWY 18



TRANSITION ALT 13000
TRANSITION LEVEL FL150

MISSED APPROACH

Climb to 5000 FT then climbing right
turn to 5900 FT, direct BSH VOR/DME
and hold.



THR ELEV 3876/TDZE ELEV 3876

NM to/from THR RWY 18

		ACFT CAT	A	B	C	D
Straight-in Approach	VOR/DME	MDA(H)	4340 (464)			
		VIS(m)	1600			
Circling		MDA(H)	4680 (793)	4740 (853)	4840 (953)	5240 (1353)
		VIS(m)	1600	2000	4800	

CHANGE : FREQ table and Notes Revised

Amdt : 1, 20 SEP 90

BISHA/Bisha (OEBH)

VOR RWY 18

AERONAUTICAL DATA TABULATION

VOR approach to RWY 18 from BSH VOR/DME		
Fix/point	Coordinates	
BSH VOR/DME (IAF)	19°58'39.6"N	042°37'28.4"E
THR RWY 18	19°59'52.44"N	042°37'28.48"E

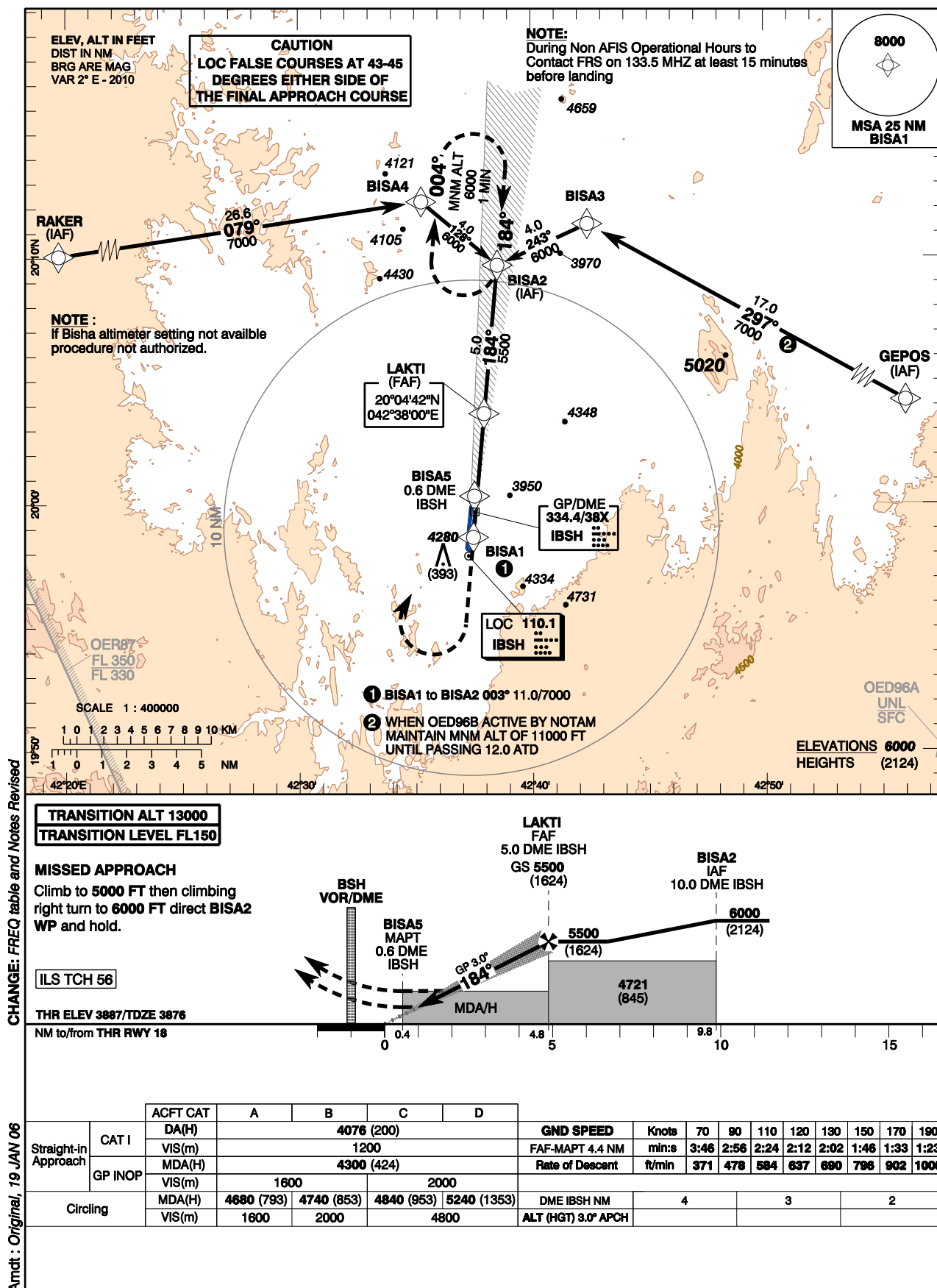
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Amdt :1, 20 SEP 90

INSTRUMENT
APPROACH
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UNCONTROLLED AD

BISHA/Bisha (OEBH)

RNAV ILS/DME RWY 18



BISHA/Bisha (OEBH)
RNAV ILS/DME RWY 18

AERONAUTICAL DATA TABULATION

RNAV ILS approach to RWY 18		
Fix/point	Coordinates	
RAKER (IAF) - RDL 287/30.0 DME BSH	20°08'15.8"N	042°07'16.2"E
GEPOS (IAF) - RDL 075/20.0 DME BSH	20°03'02.5"N	042°58'12.0"E
BISA2 (IAF/MAHF) - LOC 10.0 DME	20°09'41.3"N	042°38'32.0"E
LAKTI (FAF) - 5.0 DME IBSH	20°04'42.3"N	042°37'59.8"E
BISA5 (MAWP/DH) - 0.6 DME IBSH	20°00'19.9"N	042°37'31.4"E
BISA3	20°11'21.6"N	042°42'24.0"E
BISA4	20°12'16.1"N	042°35'16.6"E
IBSH ILS/LOC	19°57'54.5"N	042°37'15.7"E
IBSH ILS GP/DME	19°59'41.8"N	042°37'31.7"E
VOR/DME BSH (BISA1)	19°58'39.6"N	042°37'28.4"E
THR RWY 18	19°59'52.44"N	042°37'28.48"E

CHANGE : Reprint

Amdt : Original, 19 JAN 06