HLKF AD 2.1 AERODROME LOCATION INDICATOR AND NAME

HLKF - KUFRA / Kufra

HLKF AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	N241041.70 E0231854.18 (WGS-84)
2	**Direction and distance from city**	10 NM south east of city
3	**Elevation/Reference temperature**	1367 ft / 38.0°C
4	**Geoid undulation at AD ELEV PSN**	Nil
5	**MAG VAR/Annual change**	2.8° E (2012)
6	**AD Administration, address, telephone, telefax, AFS**	Tel: 00218-64-7502201, 7502314 Fax: 00218-64-7502564 AFS: HLKFYDYX
7	**Types of traffic permitted (IFR/VFR)**	IFR / VFR
8	**Remarks**	Nil

HLKF AD 2.3 OPERATIONAL HOURS

1	**AD Administration**	SUN-THU 0600-1330 UTC
2	**Customs and immigration**	On request
3	**Health and sanitation**	On request
4	**AIS Briefing Office**	On request
5	**ATS Reporting Office (ARO)**	On request
6	**MET Briefing Office**	On request
7	**ATS**	On request
8	**Fuelling**	H24
9	**Handling**	On request
10	**Security**	H24
11	**De-icing**	Nil
12	**Remarks**	Nil

HLKF AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo handling facilities**	Limited
2	**Fuel/oil types**	Jet A1- AvGas
3	**Fuelling facilities/capacity**	Trucks
4	**De-icing facilities**	Nil
5	**Hangar space for visiting aircraft**	Nil
6	**Repair facilities for visiting aircraft**	Nil
7	**Remarks**	Fuel limited to national and VIP flights.

HLKF AD 2.5 PASSENGER FACILITIES

1	**Hotels**	In city
2	**Restaurants**	Snack
3	**Transportation**	Taxi
4	**Medical facilities**	First Aid Hospitals at city
5	**Bank and Post Office**	In city
6	**Tourist Office**	In city
7	**Remarks**	Nil

HLKF AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	CAT 6
2	**Rescue equipment**	Nil
3	**Capability for removal of disabled aircraft**	Nil
4	**Remarks**	Nil

HLKF AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	**Types of clearing equipment**	Nil
2	**Clearance priorities**	Nil
3	**Remarks**	Nil

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

1	**Apron surface and strength**	Concrete/Asphalt
2	**Taxiway width, surface and strength**	45 m, Asphalt, PCN 80
3	**Altimeter checkpoint location and elevation**	Nil
4	**VOR checkpoints**	Nil
5	**INS checkpoints**	Nil
6	**Remarks**	Nil

HLKF AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	**Use of aircraft stand ID signs, TWY guidelines and visual docking/parking guidance system of aircraft stands**	Nil
2	**RWY and TWY markings and LGT**	Nil
3	**Stop bars**	Yes
4	**Remarks**	Nil

HLKF 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	Coord. (Dist from THR)	Obstacle type Elevation Markings/LGT	Coord.	
a	b	c	a	b	
Nil	Nil	Nil	Nil	Nil	Nil

HLKF AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	Kufra city
2	**Hours of service** **MET Office outside hours**	H24
3	**Office responsible for TAF preparation** **Periods of validity**	Kufra A/P
4	**Trend forecast** **Interval of issuance**	METAR TAF
5	**Briefing/consultation provided**	Personal
6	**Flight documentation language(s) used**	English
7	**Charts and other information available for briefing or consultation**	SIG WX
8	**Supplementary equipment available for providing information**	AFTN
9	**ATS units provided with information**	Nil
10	**Additional information (limitation of service, etc.)**	Nil

HLKF AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (m)	Strength (PCN) and surface of RWY and SWY	THR coord. RWY end coord. THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
02	015°	3660 x 45	Asphalt/Concrete	N240945.24 E0231837.62	THR 1355 ft
20	195°			N241140.14 E0231911.40	THR 1367 ft
02L	015°	3675 x 45	PCN 80 Asphalt	N240947.04 E0231829.40	THR 1246 ft
20R	195°			N241142.36 E0231903.36	THR 1256 ft

Designations RWY NR	Slope of RWY - SWY	SWY dimensions (m)	CWY dimensions (m)	Strip dimensions (m)	OFZ
1	7	8	9	10	11
02	Nil	250 x 45	500 x 150	Nil	Nil
20					
02L	Nil	Nil	Nil	Nil	Nil
20R					

Designations RWY NR	Remarks
1	12
02	Rwy closed.
20	
02L	Available for daylight operation and medium aircraft.
20R	

HLKF AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
02	3660	4160	3910	3660	Nil
20	3660	4160	3910	3660	Nil
02L	3675	3675	3675	3675	Nil
20R	3675	3675	3675	3675	Nil

HLKF 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 CL LGT LEN spacing colour INTST	RWY Edge LGT LEN spacing colour INTST	RWY End LGT colour WBAR	SWY LGT LEN colour	Remarks
1	2	3	4	5	6	7	8	9	10
02	SALS LIL	LIL	Nil	Nil	Nil	LIL	Nil	Nil	Nil
20									
02L	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
20R									

HLKF AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	Nil
2	LDI location and LGT Anemometer location and LGT	Nil
3	TWY edge and centreline lighting	Nil
4	Secondary power supply/ Switch-over time	Nil
5	Remarks	Nil

HLKF 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	South side of technical apron Surface: Asphalt
4	True BRG of FATO	Nil
5	Declared distance available	Nil
6	APP and FATO lighting	Nil
7	Remarks	As directed by ATC

HLKF AD 2.17 ATS AIRSPACE

1	**Designation and lateral limits**	Kufra CTR A circle with radius of 10 NM centered on KFR VOR/DME N240914.04 E0231828.14
2	**Vertical limits**	GND - 2500
3	**Airspace classification**	C
4	**ATS unit call sign language(s)**	English
5	**Transition altitude/Transition level**	5000 / FL70
6	**Remarks**	Nil

HLKF AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Kufra	121.900 MHz	H24	Nil
APP	Kufra	121.900 MHz	H24	Nil
GND	Kufra	121.900 MHz	H24	Nil

HLKF 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 2°E	KFR	113.200 MHz CH79X	H24	N240914.04 E0231828.14	1376 ft	Nil
NDB	KFR	317 KHz	H24	N241055.98 E0231919.50	Nil	Nil

HLKF AD 2.20 LOCAL TRAFFIC REGULATIONS

20.1 Airport regulation

General:

Aerodrome restricted to aircraft capable of maintaining two-way radio communications with ATC.

20.2 Taxiing to and from stands

a) Arriving flights will be allocated stand number by the ground controller and assistance from "FOLLOW ME" vehicle can be requested via the ground controller.

b) Departing IFR flights shall contact the TWR to obtain ATC clearance before commencing taxiing.

20.3 Parking area for small aircraft (General aviation)

General aviation aircraft shall not be guided by marshallers to the parking area for small aircraft.

20.4 Parking area for helicopters

As directed by ATC.

20.5 Apron - taxiing during winter conditions

Not applicable.

20.6 Taxiing-limitations

Nil.

20.7 School and training flights - technical test flights - use of runways

Nil.

20.8 Helicopter traffic - limitation

Nil.

20.9 Removal of disabled aircraft from runways

When an aircraft is wrecked on a runway, it is the duty of the owner or user of such aircraft to have it removed as soon as possible. If a wrecked aircraft is not removed from the runway as quickly as possible by the owner or user, the aircraft will be removed by the aerodrome authority at the owner's or user's expense.

HLKF AD 2.21 NOISE ABATEMENT PROCEDURES

Non Noise Certificated subsonic airplane (NNC) operations restricted daily between sunset/sunrise.

HLKF AD 2.22 FLIGHT PROCEDURES

22.1 Communication failure

In the communication failure, the pilot shall act in accordance with the communication failure procedures in Annex 2. For the TRIPOLI FIR, information concerning the associated navigation aids and the routing is given on page ENR 1.6-2.

22.2 Procedures for VFR flights within Kufra CTR

Provided traffic conditions so permit ATC clearance for VFR flights will be given under the conditions described below:

a) A flight plan requesting ATC clearance, containing items 7 to 18 and indicating the purpose of the flight, shall be submitted.

b) ATC clearance shall be obtained immediately before the aircraft enters the area concerned.

c) Position reports shall be submitted in accordance with 3.6.3 of ANNEX 2.

d) Deviation from the ATC clearance may only be made when prior permission has been obtained.

e) The flight shall be conducted with vertical visual reference to the ground unless the flight can be conducted in accordance with the Instrument Flight Rules.

f) Two-way radio communication shall be maintained on the frequency prescribed. Information about the appropriate frequency can be obtained from Tripoli Information.

g) The pilot-in-command shall be the holder of an International VHF licence.

22.3 Procedures for VFR flights within Kufra CTR

a) Flight plan shall be filed for the flight concerned.

b) ATC clearance shall be obtained from the Control Tower.

c) Deviation from ATC clearance may only be made when prior permission has been obtained.

d) The flight shall be conducted with vertical visual reference to the ground.

e) Two-way radio communication shall be established on the frequency prescribed before flight takes place in the control zone.

HLKF AD 2.23 ADDITIONAL INFORMATION

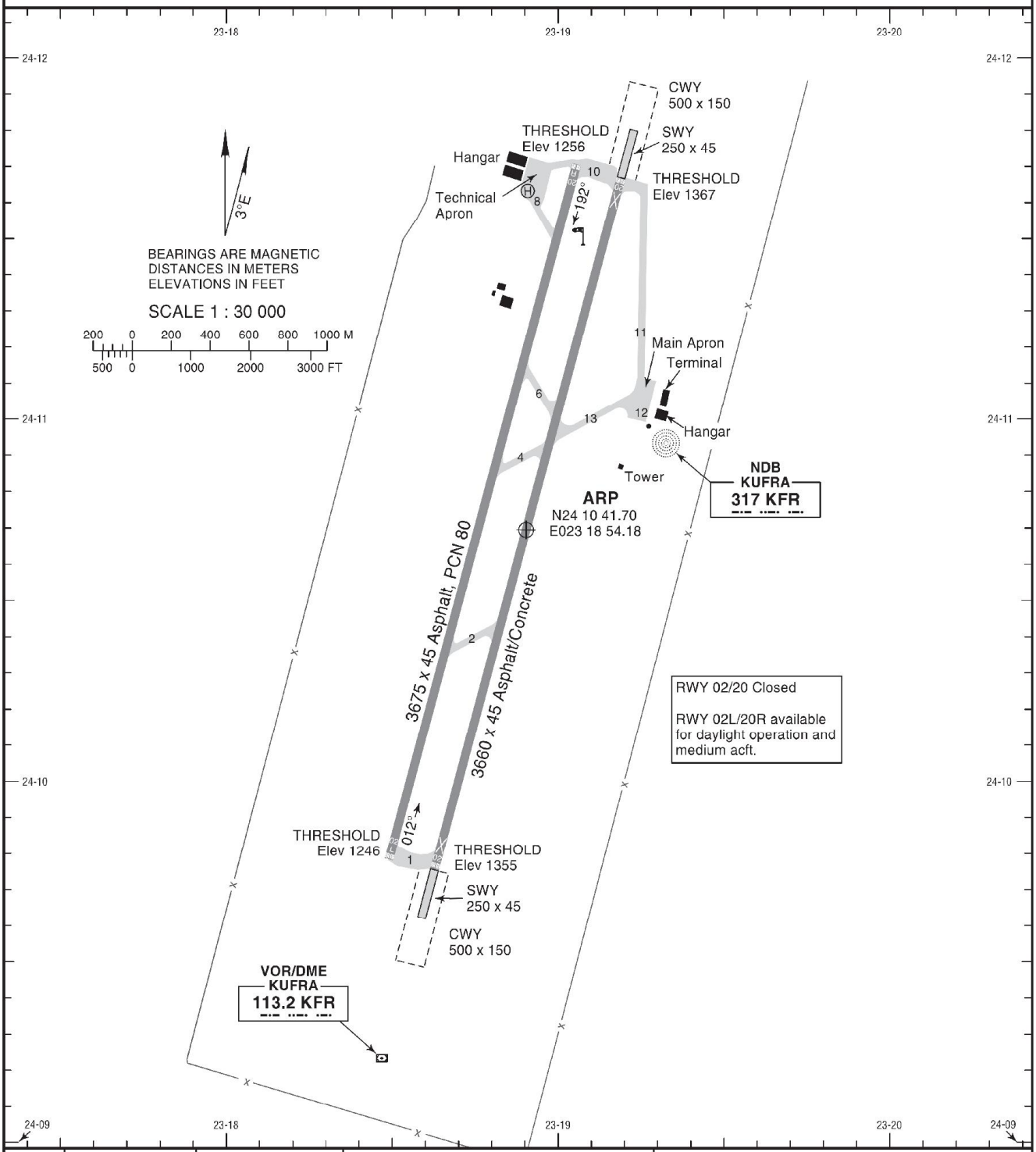
Nil

HLKF AD 2.24 CHARTS RELATED TO THE AERODROME

AERODROME CHART - ICAO | WGS-84 | AD ELEV 1367 FT

TWR	121.900
GND	121.900

KUFRA, LIBYA
Kufra



RWY	DIRECTION	THRESHOLD	DECLARED DISTANCES			
			TORA	TODA	ASDA	LDA
02	012° MAG	N24 09 45.24 E 023 18 37.62	3660	4160	3910	3660
20	192° MAG	N 24 11 40.14 E 023 19 11.40	3660	4160	3910	3660
02L	012° MAG	N24 09 47.04 E 023 18 29.40	3675	3675	3675	3675
20R	192° MAG	N 24 11 42.36 E 023 19 03.36	3675	3675	3675	3675

AERODROME LIGHTING

Rwy 02/20: SALS LIL
REDL LIL
RTHL LIL

Rwy 02L/20R: Nil

AMENDMENT: New edition.

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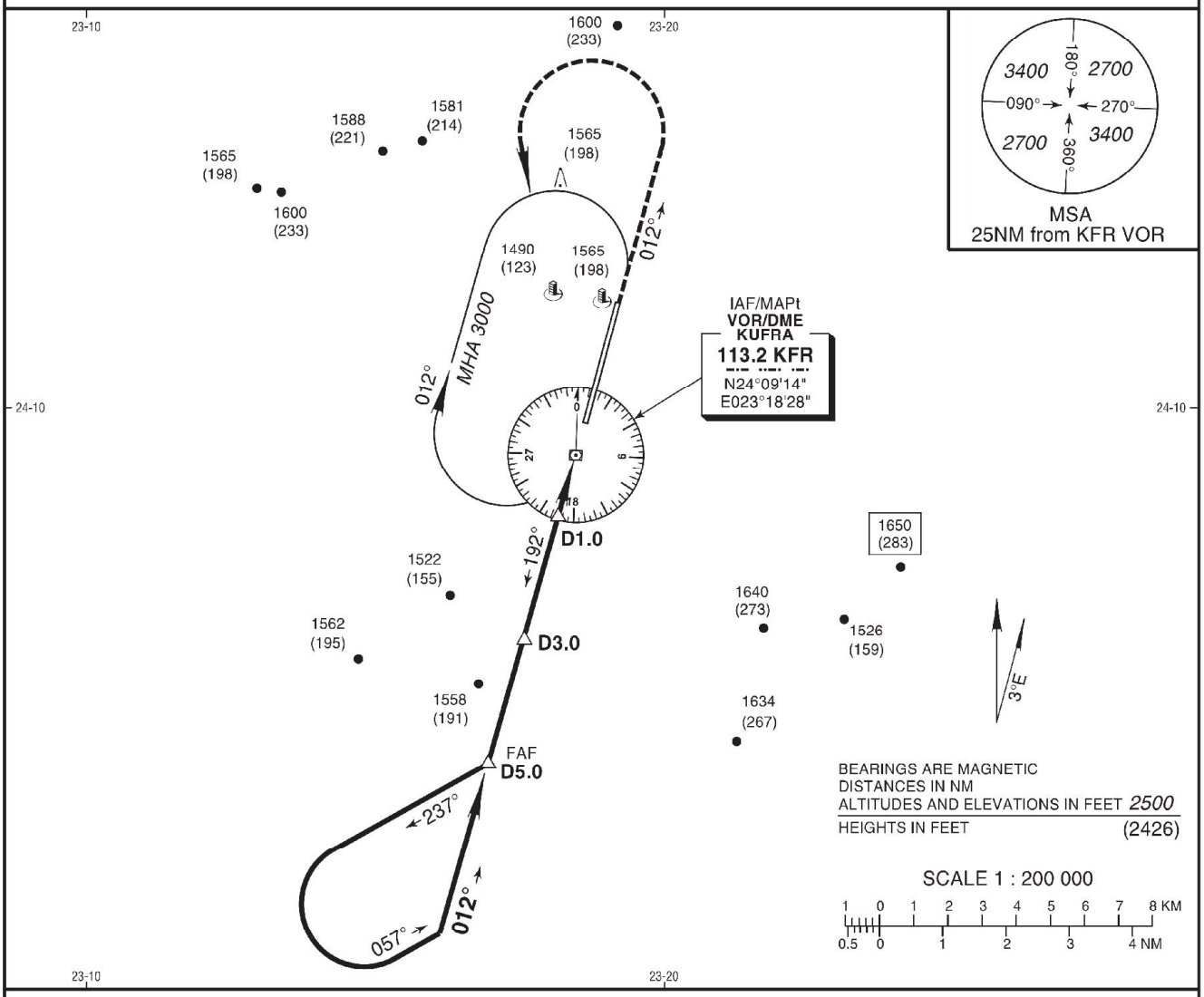
INSTRUMENT APPROACH CHART - ICAO

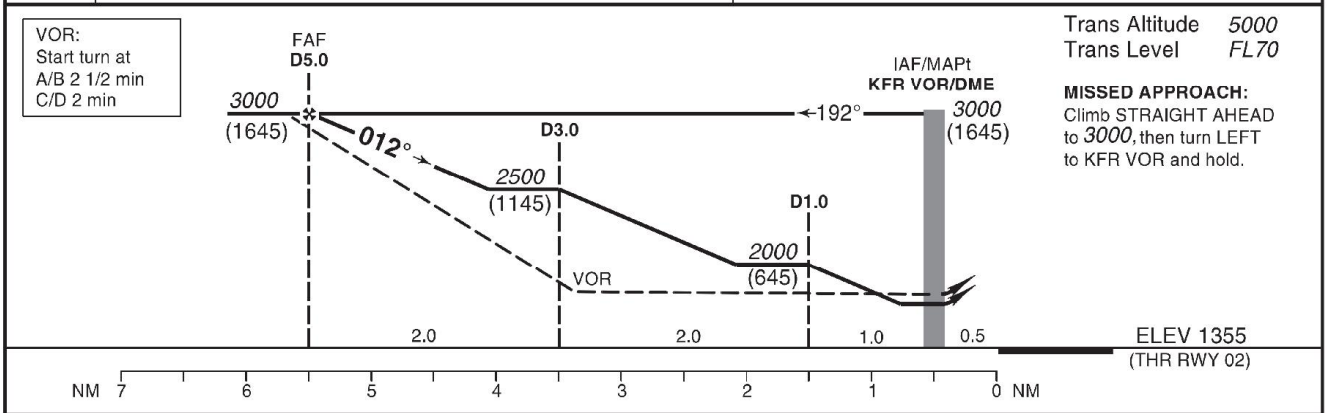
AD ELEV 1367 FT

HEIGHTS RELATED TO THR RWY 02 ELEV 1355 FT

APP	121.900
TWR	121.900
GND	121.900

KUFRA, LIBYA
Kufra
VOR DME RWY 02





STRAIGHT-IN APPROACH		A	B	C	D
VOR DME	MDA(H)	*1800* (445)			
	VIS	1200			1600
	w/o lights	1600			2000
VOR	MDA(H)	*1850* (495)			
	VIS	1600			2000
	w/o lights	2000			2400
CIRCLING (HAA)		A	B	C	D
	MDA(H)	*2000* (633)			*2500* (1133)
	VIS	1900	2800	3700	4600

Notes:
1. Procedure restricted to MAX 210 KT.

AMENDMENT: New edition.

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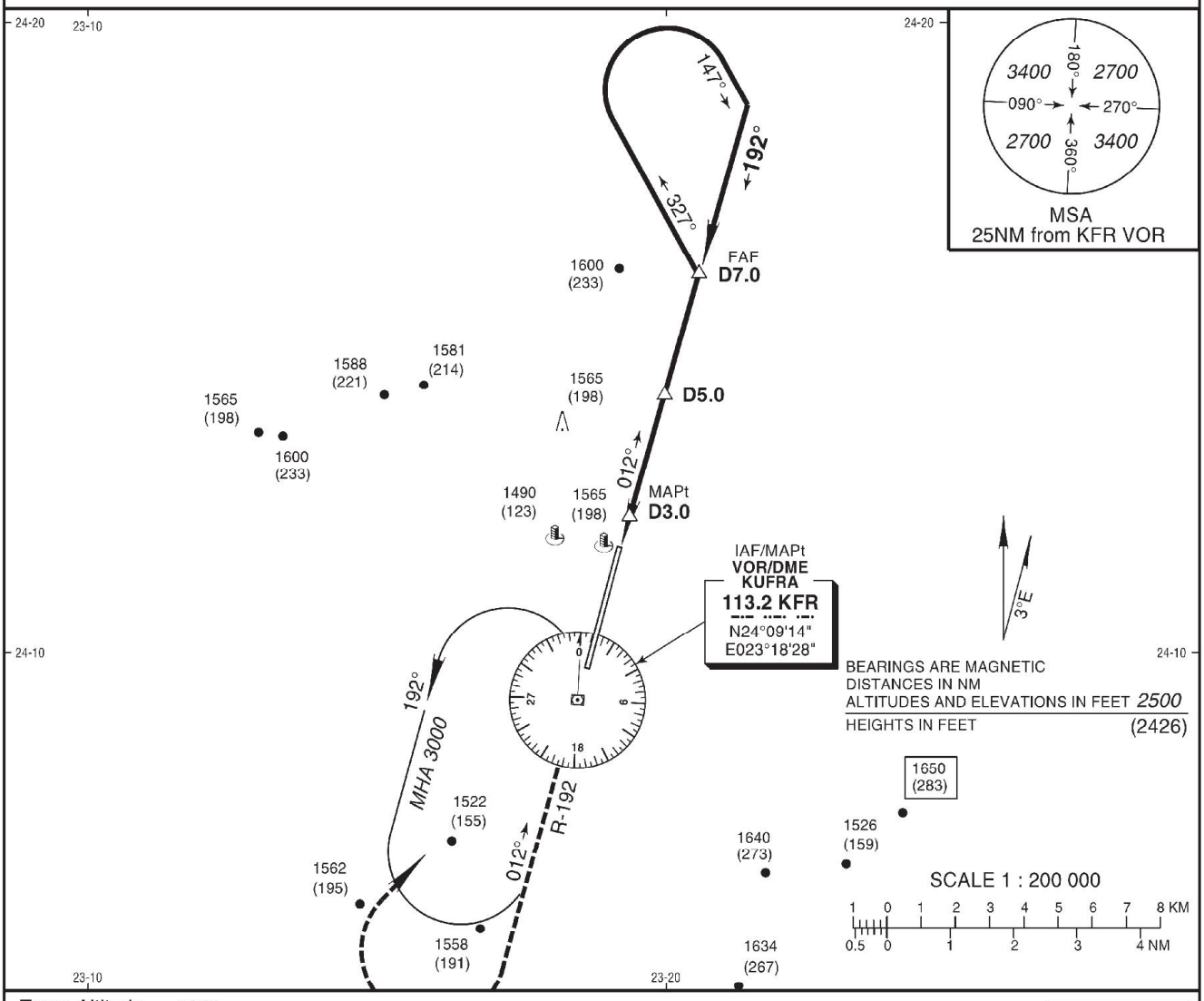
INSTRUMENT APPROACH CHART - ICAO

AD ELEV 1367 FT

HEIGHTS RELATED TO THR RWY 20 ELEV 1367 FT

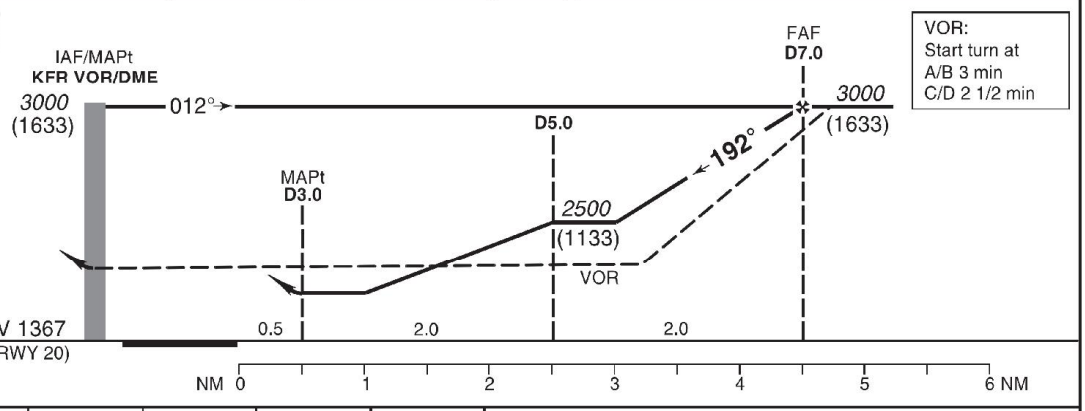
APP	121.900
TWR	121.900
GND	121.900

KUFRA, LIBYA
Kufra
VOR DME RWY 20



Trans Altitude *5000*
Trans Level *FL70*

MISSED APPROACH:
Climb STRAIGHT AHEAD to VOR, continue climb on R-192 KFR to *3000*, then turn RIGHT to KFR VOR and hold.



VOR:
Start turn at
A/B 3 min
C/D 2 1/2 min

STRAIGHT-IN APPROACH		A	B	C	D
VOR DME	MDA(H)	*1800* (433)			
	VIS	1200			1600
	w/o lights	1600			2000
VOR	MDA(H)	*1900* (533)			
	VIS	1600			2000
	w/o lights	2000			2400
CIRCLING (HAA)		A	B	C	D
	MDA(H)	*2000* (633)			*2500* (1133)
	VIS	1900	2800	3700	4600

Notes:
1. Procedure restricted to MAX 210 KT.

AMENDMENT: New edition.

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