

AD 2. AERODROMES
HLKF AD 2.1 AERODROME LOCATION INDICATOR AND NAM
HLKF – KUFRA /International
HLKF AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	2410.37N 2318.55E
2	Direction and distance from (city)	10NM SOUTHEAST OF CITY
3	Elevation/Reference temperature	M.38° 1367
4	Geoid undulation at AD ELEV PSN	
5	MAG VAR/A nmia; cjamge	
6	AD Administration, address, telephone, Telefax, AFS	TEL.064 7502201 / 0647502314 FAX 064 7502564 AFS HLKFDYDX
7	Types of traffic permitted (IFR/VFR)	IFR / VFR
8	Remarks	

HLKF AD 2.3 OPERATIONAL HOURS

1	AD ADMINISTRATION	SUN/THR 0600/1 330 UTC
2	Customs and immigration	
3	Health and sanitation	
4	AIS Briefing office	BY REQUEST
5	ATS Reporting office (ARO)	
6	MET BRIEFING OFFICE	
7	ATS	
8	Fueling	24 H
9	Handling	
10	Security	24 H
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 AV GAS
3	Fuelling facilities / capacity	TRUKS
4	De-icing facilities	NIL
5	Hangar Space for visiting Aircraft	NIL
6	Repair Facilities FOR Vesting Aircraft	NIL
7	Remarks	

HLKF AD 2.5 PASSENGER FACILITIES

1	HOTELS	At city
2	Restaurants	SNACK
3	Transportation	TAXI
4	Medical Facilities	FIRST AID HOSPITALS AT CITY
5	Bank And Post Office	AT CITY
6	Tourist office	AT CITY
7	Remarks	NUIL

HLKF AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD Category for fire fighting	6
2	Rescue Equipment	NIL
3	Capability For Removal Of Disabled Aircraft	NIL
4	Remarks	NIL

HLKF AD 2.7 SEASONAL AVAILABILITY – CLEARING

1	Type of clearing equipment	NIL
2	Clearance Priorities	NIL
3	Remarks	NIL

HLKF2.8 APRONS, TAXIWAYS AND CHECK LOCATION/POSITIONS DATA

1	Apron surface and strength	CON-ASPH
2	Taxiway width, surface and strength	45M ASPH PCN 80
3	Altimeter checkpoint location and elevation	
4	VOR checkpoints	KFR VOR
5	INS checkpoints	
6	Remarks	

HLKF AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY Guide lines and visual docking/	
2	RWY and TWY markings and LGT	ONLY RWY EDG LGT
3	Stop bars	YES
4	Remarks	NIL

10 - AERODROME OBSTACLES

NIL

HLKF AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET OFFICE	KUFRA CITY
2	Hours of service MET office outside hours	24 H
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	
10	Additional information (limitation of Service. Etc.)	NIL

12 - RUNWAY PHYSICAL CHARACTERISTICS

NIL

13 - DECLARED DISTANCES

NIL

14 - APPROACH AND RUNWAY LIGHTING

NIL

15 - OTHER LIGHTING, SECONDARY POWER SUPPLY

NIL

I6 - HELICOPTER LANDING AREA

TO BE DEVELOPED

As directed by ATC :- South side of Technical apron surface - asphalt

HLKF AD 2.17 AIRSPACE

1	Designation and lateral limits	KUFRA CTR KFR TWR ACIRCLE OF 10 NM RADIUS FROM KFR VOR 2409.09 N 2318.27 E
2	Vertical limits	2500
3	Airspace classification	(A) And (B)
4	ATS unit call sig Language (S)	ENGLISH
5	Transition altitude	5000
6	Remarks	NIL

HLKF AD 2.18 ATS COMMUNICATION FACILITES

Service designation	Call sign	F frequency	Hours of operation	Remarks
1	2	3	4	5
APP - TWR	KUFRA	121.9 MHZ	24 H	TWR+A PP ARE CONPOUND

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 DM Transmitting antenna	Remarks
1	2	3	4	5	6	7
VOR/DME	KFR	113.2	24 H	2409.09 N 2318.27 E		
NDB	KFR	317.0	24 H	2414.12 N 2319.48 E		

HLKF AD 2.20 LOCAL TRAFFIC REGULATIONS

20. 1 Airport regulations

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 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 Marshall ere 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.

21. NOISE ABATEMENT PROCEDURES

Non Noise Certificated subsonic airplane (NNC) operations restricted daily between sun set/ sun rise

HLKF AD 2.22 FLIGHT PROCEDURES

Communication failure

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

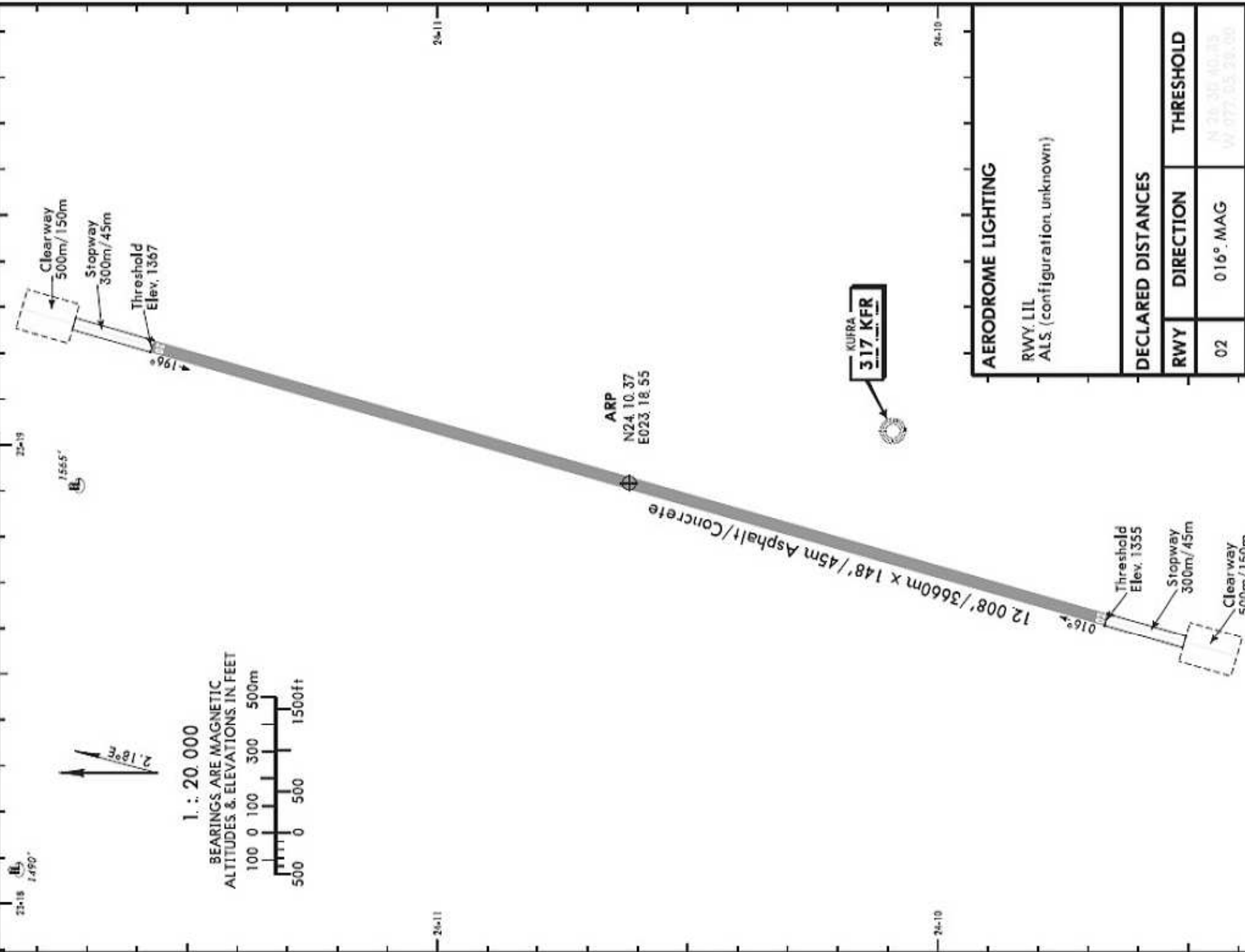
Procedures for VFR flights within KUFRA CTR

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, 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 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 BENINA Information.
- g) The pilot-in -command shall be the holder of an International VHF License .

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 .



AERODROME LIGHTING

RWY. LIL
ALS. (configuration unknown)

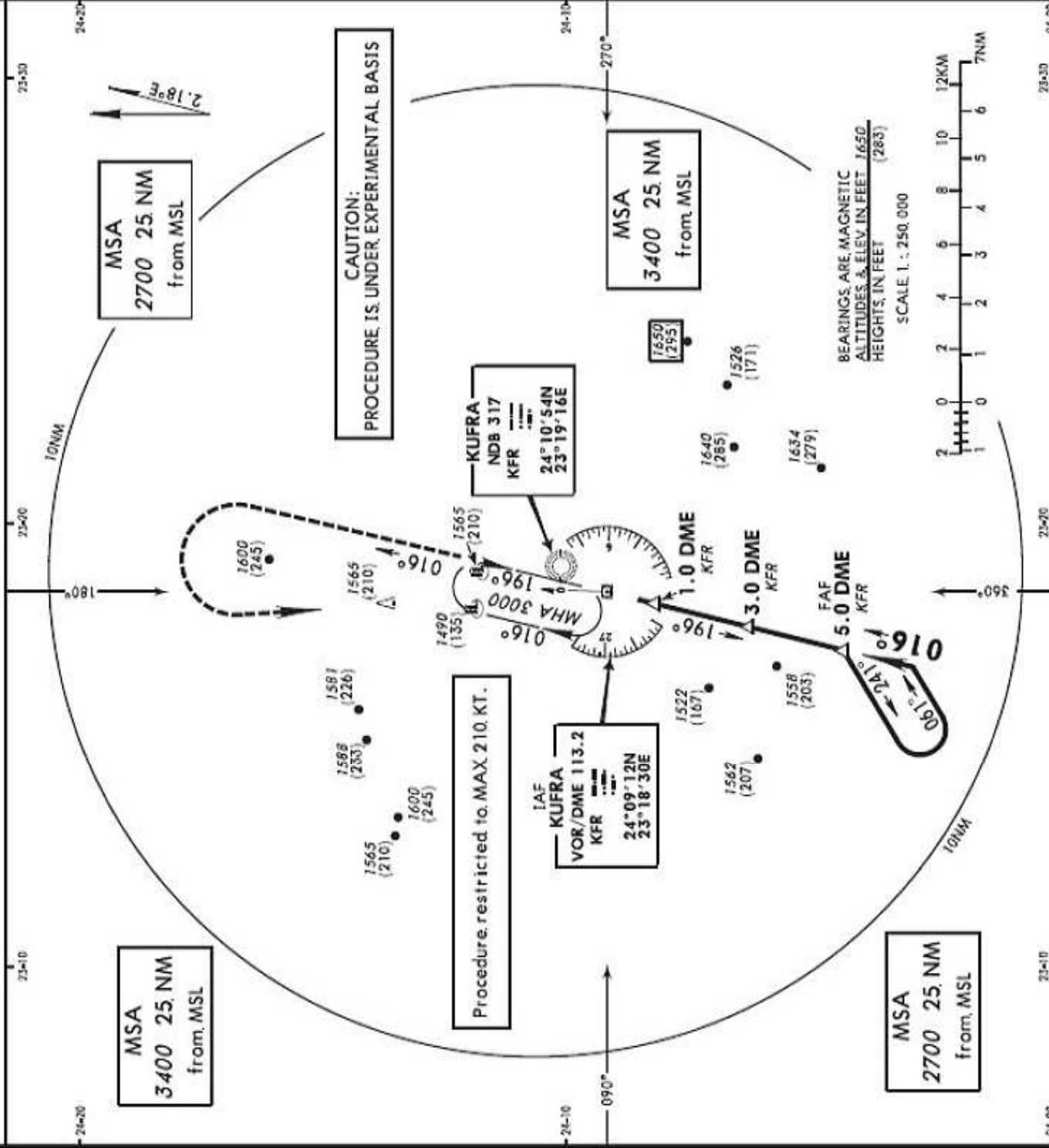
DECLARED DISTANCES			
RWY	DIRECTION	THRESHOLD	
02	016° MAG	N 26.36 40.35 W 077.05 26.00	
20	196° MAG	N 26.30 41.76 W 077.04 25.00	
RWY	TORA	TODA	LDA
02	3660m	4160m	3660m

VOR DME
KUFRA
113.2 KFR

1 : 20 000
BEARINGS ARE MAGNETIC
ALTITUDES & ELEVATIONS IN FEET

VAR 2.18°

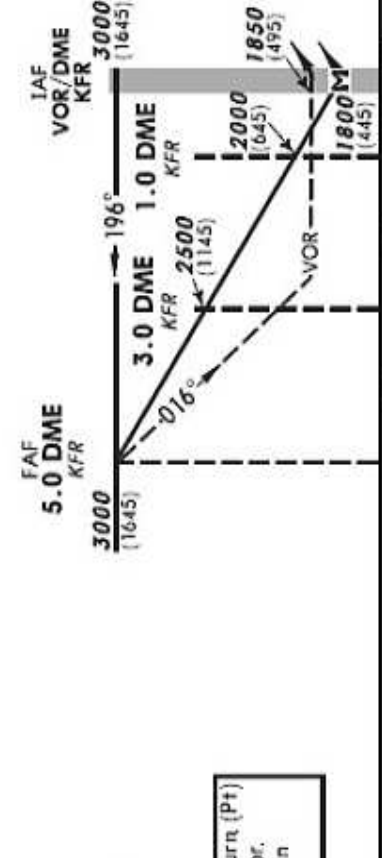
VOR/DME RWY 02



Trans. Level **FL70**
Trans. Alt **5000**

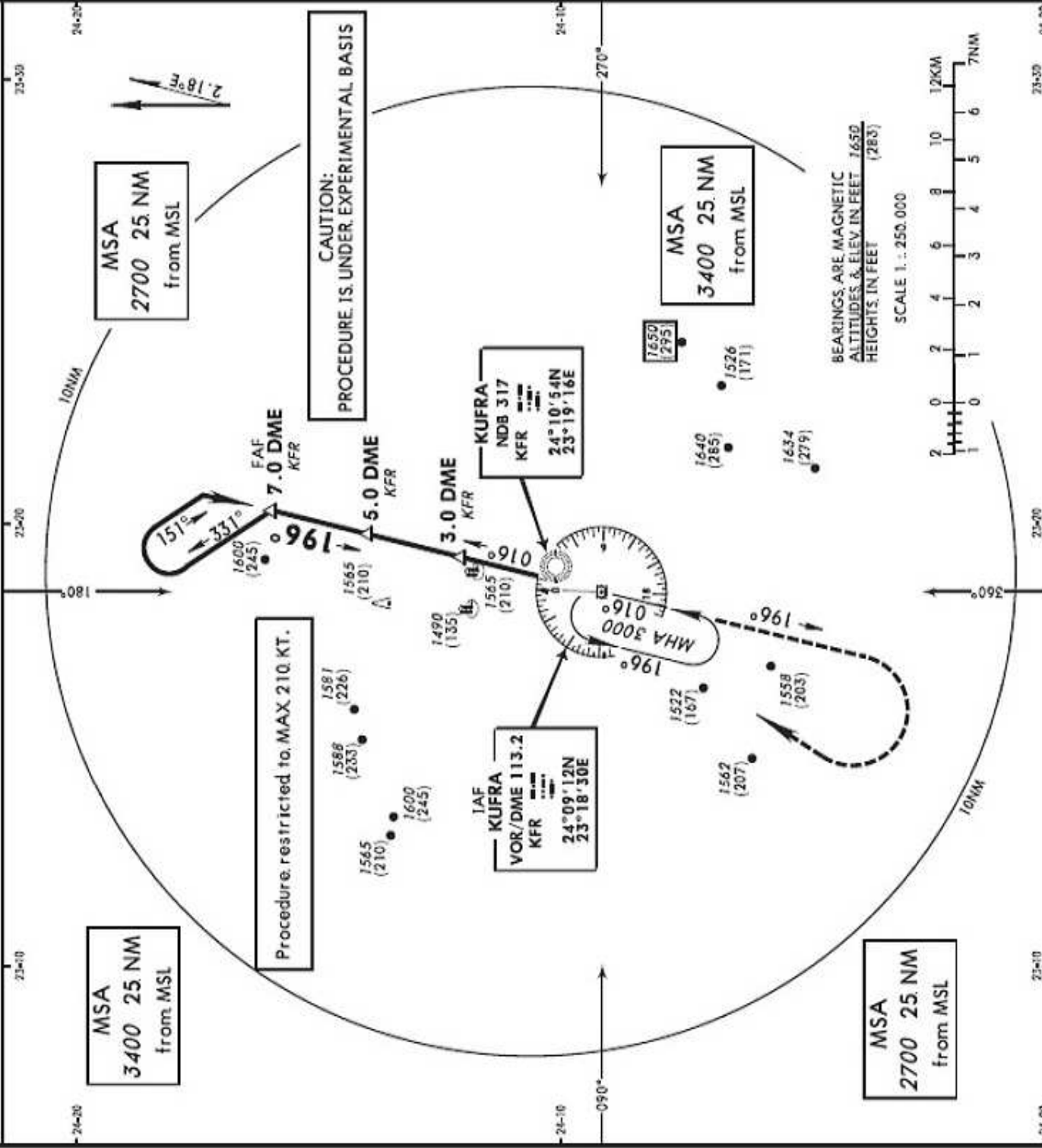
MISSED APPROACH:
Climb straight ahead to 3000, then turn LEFT to VOR and hold.

Start. proc., turn (Pt) at D5.0 KFR or A/B 2 1/2 min C/D 2 min



10 NM 2.0 2.0 1.0 0.5 NM ELEV. 1355' (THR RWY. 02)

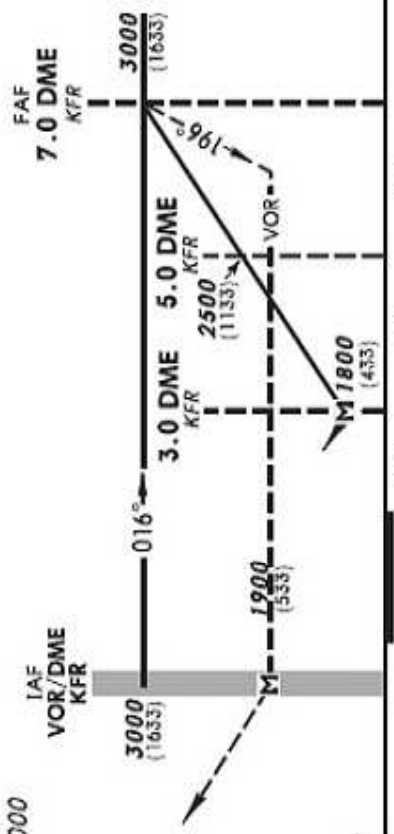
OCA (H)	Straight-in Approach		Circling (HAA)	A	B	C	D
	VOR	VOR DME					
A	MDA (H) 1850 (495) ALS OUT	MDA (H) 1800 (445) ALS OUT	MDA (H) 2000 (633)	2000 (633)	2800m	3700m	2500 (1133)
B	1600m	1200m					
C							



Trans Level FL70
Trans Alt 5000

MISSED APPROACH:
Climb straight ahead, to VOR, continue climb on R-196 outbound to 3000, then turn RIGHT to VOR and hold.

Start proc. turn (Pt) at D7.0 KFR or A/B, 3 min C/D, 2 1/2 min



ELEV. 1367'
(THR RWY 20)

NM 0 0.5 1 2 3 4 5 6 7 8 9 10

OCA (H)	Straight-in Approach		Circling (HAA) to Land				D	
	VOR	VOR DME	A	B	C	D		
A	1600m	2000m	1900m	2600m	3700m	4600m	6	
B	1600m	2000m	1900m	2600m	3700m	4600m	6	
		MDA (H)	MDA (H)				2500 (1133)	
		ALS OUT	ALS OUT				2000 (633)	
		ALS OUT	ALS OUT				2000 (633)	
		DME from TDZ	DME from TDZ				2000 (633)	
		NM	NM				2000 (633)	
		FT	FT				2000 (633)	
		ALT. QNH	ALT. QNH				2000 (633)	