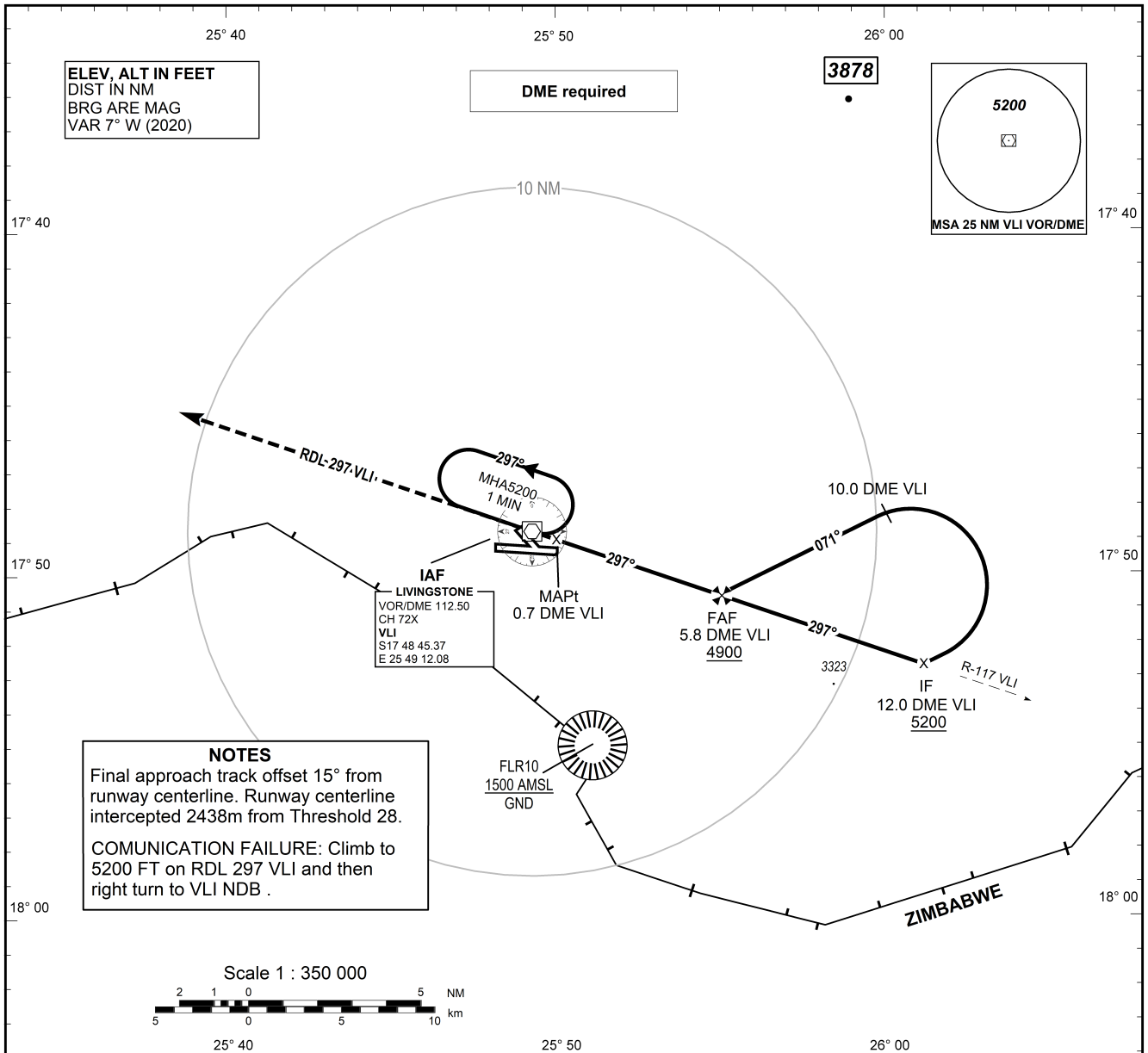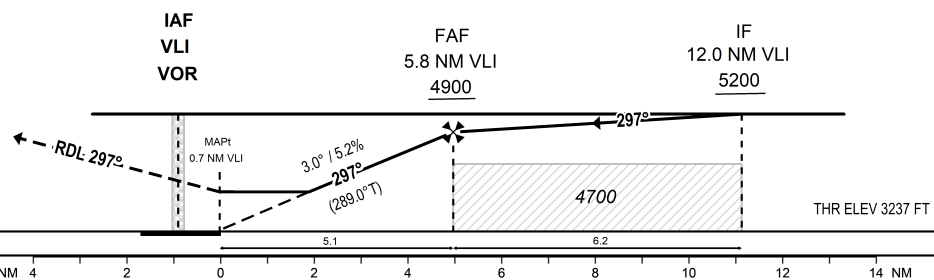**INSTRUMENT APPROACH CHART - ICAO**

AERODROME ELEV 3255 FT
HEIGHTS RELATED TO
THR RWY 28 - ELEV 3237 FT

HARRY MWAANGA NKUMBULA INTL/Livingstone (FLHN)

| APP | 124.300 |
| TWR | 118.100 |

VOR RWY 28

DME required

3878

ELEV, ALT IN FEET
DIST IN NM
BRG ARE MAG
VAR 7° W (2020)

5200

MSA 25 NM VLI VOR/DME

10 NM

RDL-297 VLI

297°
MHA5200
1 MIN

10.0 DME VLI

071°

297°

IAF
LIVINGSTONE
VOR/DME 112.50
CH 72X
VLI
S17 48 45.37
E 25 49 12.08

MAPt
0.7 DME VLI

FAF
5.8 DME VLI
4900

297°

3323

IF
12.0 DME VLI
5200

R-117 VLI

NOTES
Final approach track offset 15° from runway centerline. Runway centerline intercepted 2438m from Threshold 28.

COMUNICATION FAILURE: Climb to 5200 FT on RDL 297 VLI and then right turn to VLI NDB .

FLR10
1500 AMSL
GND

ZIMBABWE

Scale 1 : 350 000

| | | | NM |
| | | | km |

DISTANCE to THR 28	5.1	4.2	3.2	2.2	2	-	-
DISTANCE to VLI DME	5.8	5	4	3	2.7	-	-
ADVISORY ALT (HGT)	4900 (1663)	4640 (1403)	4320 (1083)	4000 (763)	3910 (673)	-	-

MISSED APPROACH:
Climb to 5200 FT on RDL 297 VLI and contact Livingstone Approach on 124.3 Mhz.

TRANSITION ALT 5000

IAF
VLI
VOR

FAF
5.8 NM VLI
4900

IF
12.0 NM VLI
5200

RDL 297°

MAPt
0.7 NM VLI

3.0° / 5.2%

297°
(289.0°T)

297°

4700

THR ELEV 3237 FT

5.1

6.2

NM 4   2   0   2   4   6   8   10   12   14 NM

OCA (OCH) CMV (m)		A	B	C	D
Straight-in Approach	VOR/DME	3910 (673)			-
		3100			-
CIRCLING		3970 (715)		4070 (815)	-
VIS (m)		3300		3800	-

GS (kt)	80	120	150	180	210
FAF to MAPt 5.1 NM	3:48	2:32	2:02	1:41	1:27
ROD (fpm) 5.2%	420	640	800	960	1110