

**INSTRUMENT
APPROACH
CHART - ICAO**

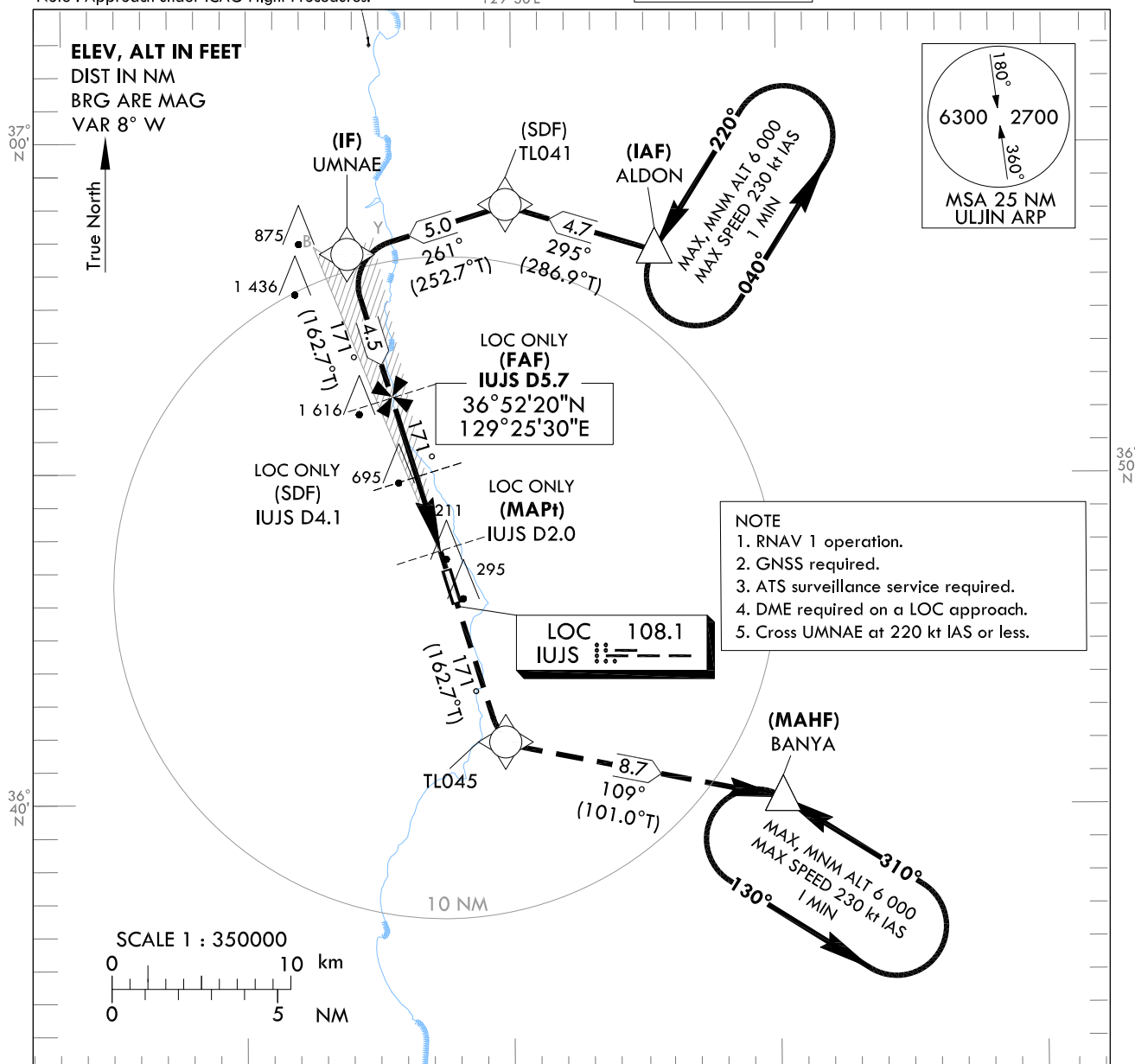
AERODROME ELEV 175 ft
HEIGHTS RELATED TO
THR RWY 17 - ELEV 175 ft

ULJIN ARR 120.875
317.65
ULJIN TWR 118.55
317.45

ULJIN/ULjin(RKTL)
ILS Z or LOC Z RWY 17

Note : Approach under ICAO Flight Procedures.

129°30'E



RECOMMENDED PROFILE(LOC ONLY)				DME IUJS				5	4	3	2
Final Approach Gradient 5.31%, 323 ft/NM				ALT(HGT)				1 777 (1 602)	1 455 (1 280)	1 132 (957)	810 (635)
				TRANSITION ALT				14 000			
				TRANSITION LVL				FL 140			

IAF
ALDON

6 000
(5 825)

SDF
TL041

4 500
(4 325)

IF
UMNAE

3 200
(3 025)

(LOC ONLY)
FAF
IUJS D5.7

2 000
(1 825)

(LOC ONLY)
SDF
IUJS D4.1

1 500
(1 325)

(LOC ONLY)
MAPt
IUJS D2.0

950
(775)

IUJS
DME

THR ELEV 175 ILS RDH 44

295°

261°

171°

GP 3.0°

171°

BANYA

TL045

NM FROM THR RWY 17

11

5

2

THR RWY 17

MISSED APPROACH

Climb straight ahead until TL045 then turn left to BANYA and hold at 6 000 ft.

CATEGORY		DA(H)/MDA(H)	A	B	C	D							
STA	CAT-1	FULL	375 (200)	800 m			Rate of descent	Knots	60	90	120	150	180
		ALS INOP		1 200 m				V/V fpm	323	485	646	808	970
	LOC	FULL	950 (775)	3 200 m				* Timing NOT authorized for defining the MAPt.					
		ALS INOP		3 600 m				* Circling not authorized.					

Change : Page control.

ULJIN/Uljin(RKTL)
ILS Z or LOC Z RWY 17

AERONAUTICAL DATA TABULATION

ILS Z / LOC Z Approach to RWY 17 from ALDON(IAF)		
Fix/Point		Coordinates
ALDON(IAF)		36°56'46.3"N 129°35'23.0"E
TL041(SDF)		36°58'07.9"N 129°29'46.5"E
UMNAE(IF)	BRG 170.91° / 10.3 NM IUJS	36°56'38.6"N 129°23'49.1"E
D5.7 IUJS(FAF)	BRG 170.93° / 5.7 NM IUJS	36°52'20.0"N 129°25'29.6"E
D4.1 IUJS(SDF LOC Only)	BRG 170.95° / 4.1 NM IUJS	36°50'50.7"N 129°26'04.2"E
D2.0 IUJS(MAPt LOC Only)	BRG 170.95° / 2.0 NM IUJS	36°48'50.3"N 129°26'50.9"E
THR RWY 17	Final approach descent angle(LOC ONLY) 3.03° (FAF-SDF) / 3.05° (SDF-THR)	36°47'05.09"N 129°27'31.62"E
UJN VORTAC		36°46'35.2"N 129°27'26.9"E
TL045		36°41'52.3"N 129°29'32.6"E
BANYA		36°40'12.4"N 129°40'05.8"E

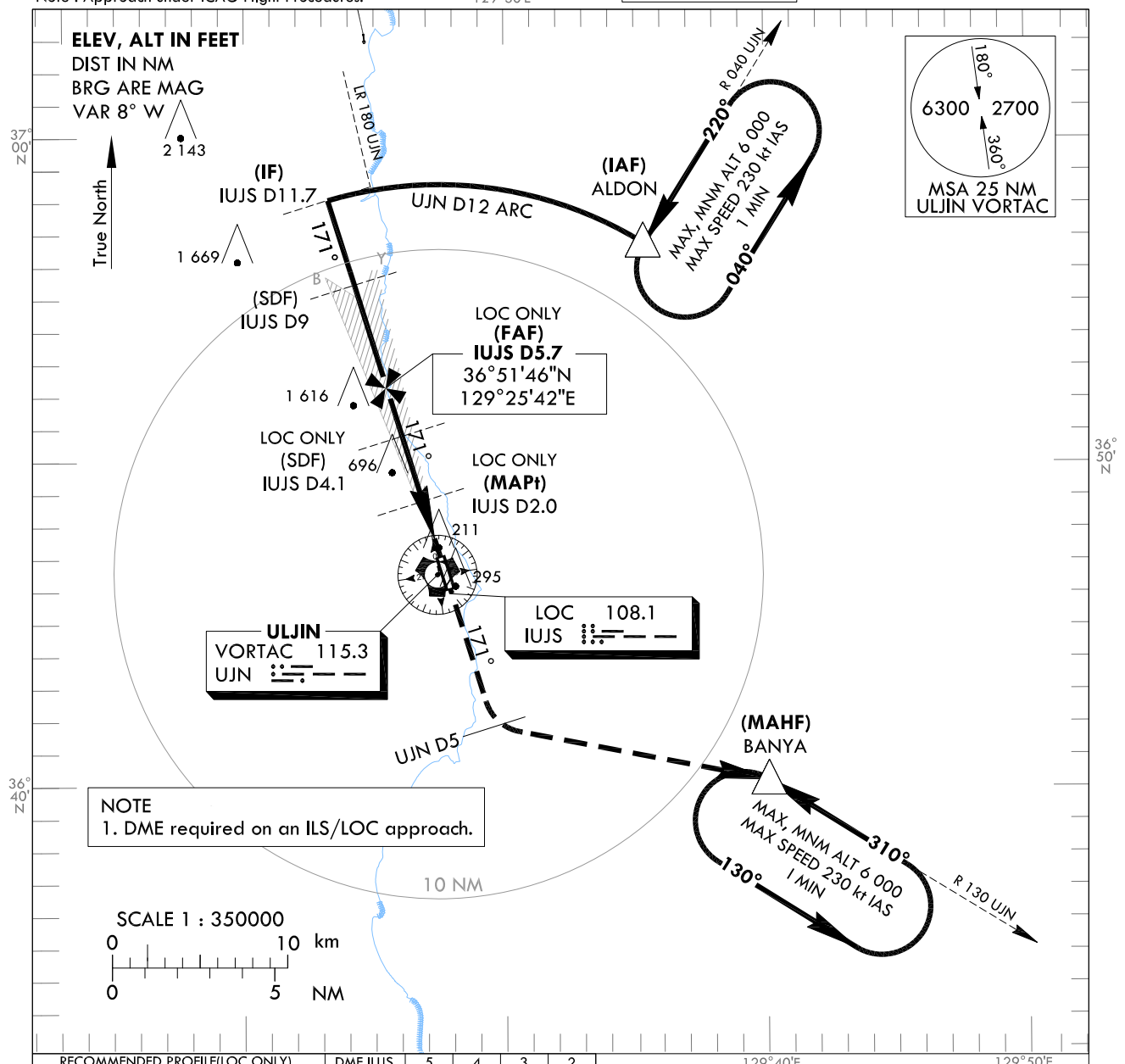
INSTRUMENT APPROACH CHART - ICAO

Note : Approach under ICAO Flight Procedures.

AERODROME ELEV 175 ft
HEIGHTS RELATED TO
THR RWY 17 - ELEV **175 ft**

ULJIN	ARR	120.875
		317.65
ULJIN	TWR	118.55
		317.45

ULJIN/ULjin(RKTL)
ILS Y or LOC Y RWY 17



RECOMMENDED PROFILE(LOC ONLY)

Final Approach Gradient 5.31%, 323 ft/NM

DME IUJS

ALT(HGT)

5

1 777
(1 602)

4

1 455
(1 280)

3

1 132
(957)

2

810
(635)

129°50'E

MISSED APPROACH

Climb straight ahead until UJN D5 then turn left to BANYA and hold at 6 000 ft.

IAF
ALDON

R 040 UJN/D12

6 000
(5 825)

UJN D12 ARC

IF
IUIS D11.7

3 800
(3 625)

SDF
IUIS D9

3 000
(2 825)

(LOC ONLY)
FAF
IUIS D5.7

2 000
(1 825)

(LOC ONLY)
SDF
IUIS D4.1

1 500
(1 325)

(LOC ONLY)
MAPt
IUIS D2.0

950
(775)

VORTAC
UJN

IUIS
DME

UJN D5

THR ELEV 175 ILS RDH 44

THR RWY 17

TRANSITION ALT 14 000

TRANSITION LVL FL 140

171°

GP 3.0°

171°

BANYA

CATEGORY

DA(H)/MDA(H)

A

B

C

D

STA

CAT-1

LOC

FULL

ALS INOP

FULL

ALS INOP

375
(200)

950
(775)

800 m

1 200 m

3 200 m

3 600 m

Knots

Rate of descent

60

V/V
fpm

90

323

120

485

150

646

180

808

970

* Timing NOT authorized for defining the MAPt.

* Circling not authorized.

Change : Page control.

ULJIN/Uijin(RKTL)
ILS Y or LOC Y RWY 17

AERONAUTICAL DATA TABULATION

ILS Y / LOC Y Approach to RWY 17 from ALDON(IAF)		
	Fix/Point	Coordinates
ALDON(IAF)	R 040 UJN/ 12.00 NM UJN	36°56'46.3"N 129°35'23.0"E
D11.7 IUJS(IF)	BRG 170.91° / 11.71 NM IUJS	36°58'06.9"N 129°23'14.8"E
D9.0 IUJS(SDF)	BRG 170.91° / 9.00 NM IUJS	36°55'31.8"N 129°24'15.1"E
D5.7 IUJS(FAF)	BRG 170.93° / 5.66 NM IUJS	36°51'46.1"N 129°25'42.7"E
D4.1 IUJS(SDF LOC Only)	BRG 170.95° / 4.10 NM IUJS	36°50'50.7"N 129°26'04.2"E
D2.0 IUJS(MAPt LOC Only)	BRG 170.95° / 2.00 NM IUJS	36°48'50.3"N 129°26'50.9"E
THR RWY 17	Final approach descent angle(LOC ONLY) 3.03°(FAF-SDF) / 3.05°(SDF-THR)	36°47'05.09"N 129°27'31.62"E
UJN VORTAC		36°46'35.2"N 129°27'26.9"E
D5 UJN	R 171 UJN/ 5.00 NM UJN	36°41'52.3"N 129°29'32.6"E
BANYA	R 130 UJN/ 12.00 NM UJN	36°40'12.4"N 129°40'05.8"E

**INSTRUMENT
APPROACH
CHART - ICAO**

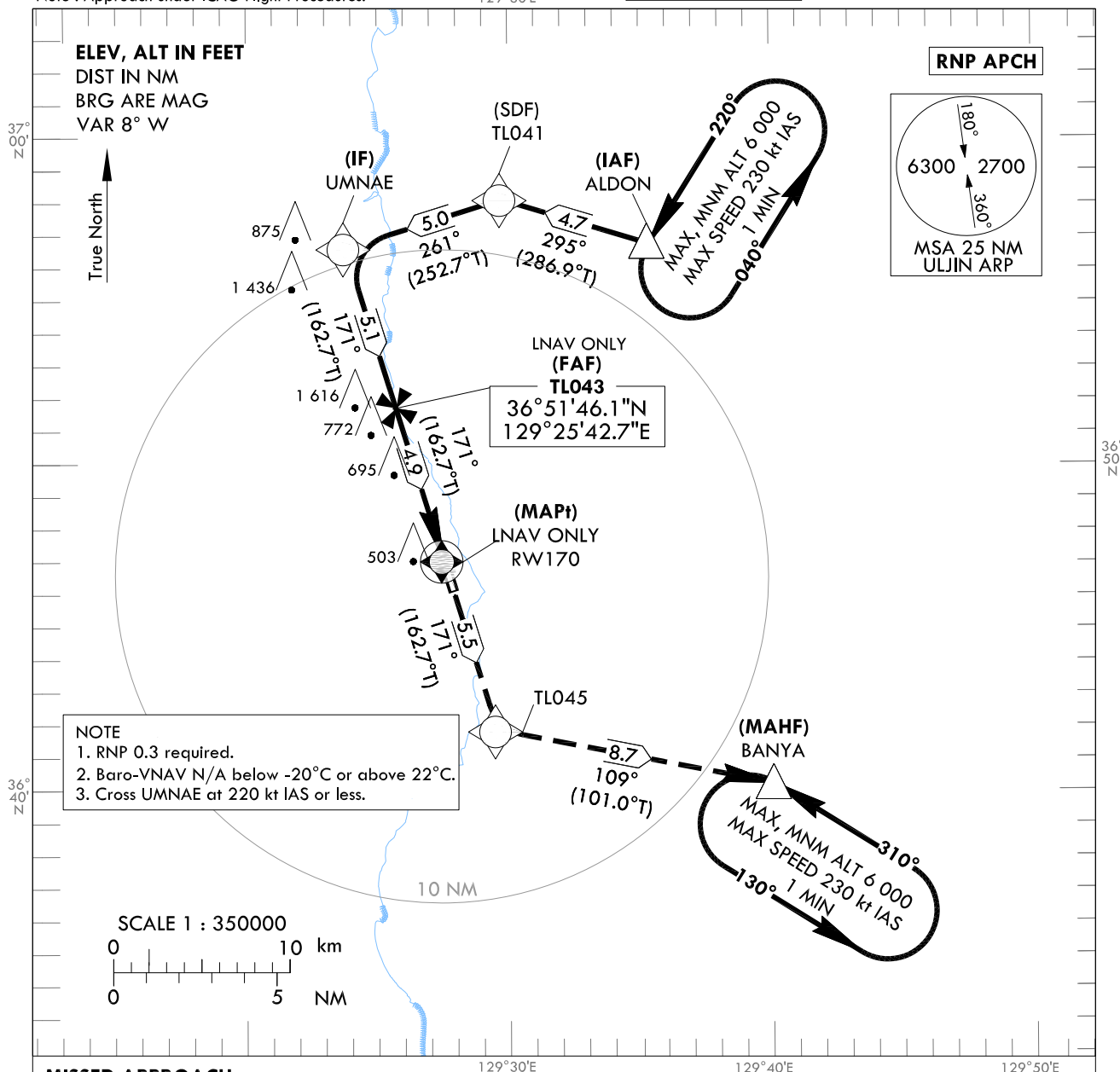
AERODROME ELEV 175 ft
HEIGHTS RELATED TO
THR RWY 17 - ELEV 175 ft

ULJIN ARR 120.875
317.65
ULJIN TWR 118.55
317.45

**ULJIN/ULjin(RKTL)
RNP RWY 17**

Note : Approach under ICAO Flight Procedures.

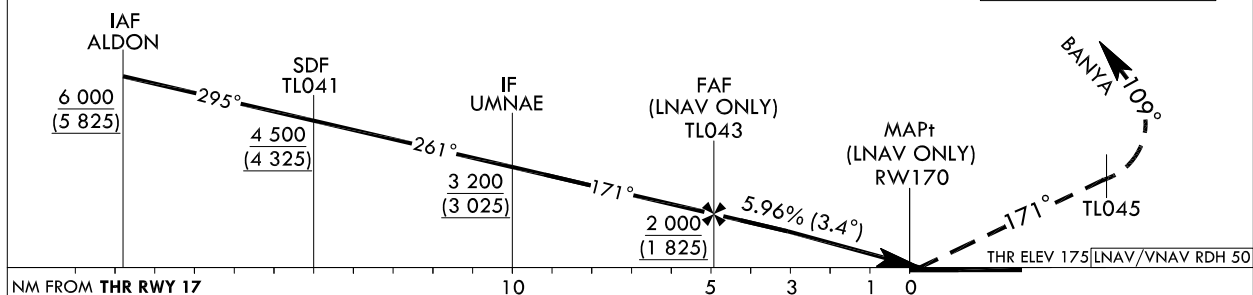
129°30'E



MISSED APPROACH

Climb to 6 000 ft on track of 171° to TL045, then turn left
on track of 109° to BANYA. Hold as published.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY		DA(H)/MDA(H)	A	B	C	D
STA	LNNAV/VNAV	FULL	690 (515)	2 000 m		
		ALS INOP		2 400 m		
	LNNAV	FULL	960 (785)	3 200 m		
		ALS INOP		3 600 m		

Knots	60	90	120	150	180
Rate of descent V/V fpm	362	543	725	906	1 087

* Timing NOT authorized for defining the MAPt.
* Circling not authorized.

Change : Page control.

Instrument approach Procedure Coding Tables

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	ALDON	-	-	-	-	+6 000	-	36°56'46.3"N 129°35'23.0"E	-	RNP APCH	IAF
002	TF	TL041	-	295(286.9)	4.7	-	+4 500	-	36°58'07.9"N 129°29'46.5"E	-	RNP APCH	SDF
003	TF	UMNAE	-	261(252.7)	5.0	-	+3 200	-	36°56'38.8"N 129°23'49.1"E	-	RNP APCH	IF
004	TF	TL043	-	171(162.7)	5.1	-	+2 000	-	36°51'46.1"N 129°25'42.7"E	-	RNP APCH	FAF
005	TF	RW170	Y	171(162.7)	4.9	-	+960	-	36°47'05.09"N 129°27'31.62"E	-3.41/50	RNP APCH	MAPt
006	TF	TL045	-	171(162.7)	5.5	-	-	-	36°41'52.3"N 129°29'32.6"E	-	RNP APCH	-
007	HM	BANYA	-	109(101.0)	8.7	-	@6 000	-	36°40'12.4"N 129°40'05.8"E	-	RNP APCH	1 MIN (outbound timing)

**INSTRUMENT
APPROACH
CHART - ICAO**

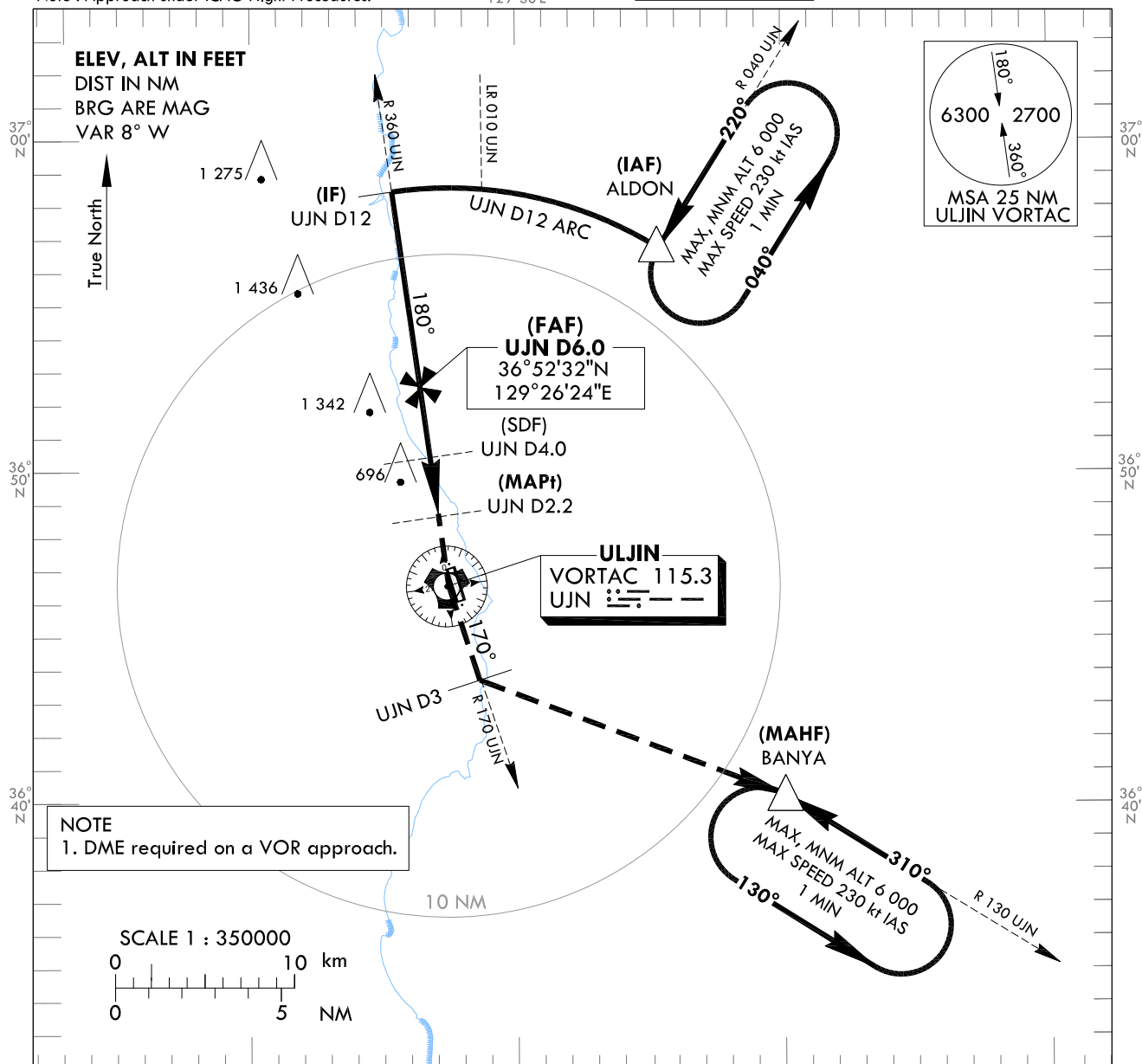
AERODROME ELEV 175 ft
HEIGHTS RELATED TO
THR RWY 17 - ELEV 175 ft

ULJIN	ARR	120.875
		317.65
ULJIN	TWR	118.55
		317.45

**ULJIN/ULjin(RKTL)
VOR RWY 17**

Note : Approach under ICAO Flight Procedures.

129°30'E



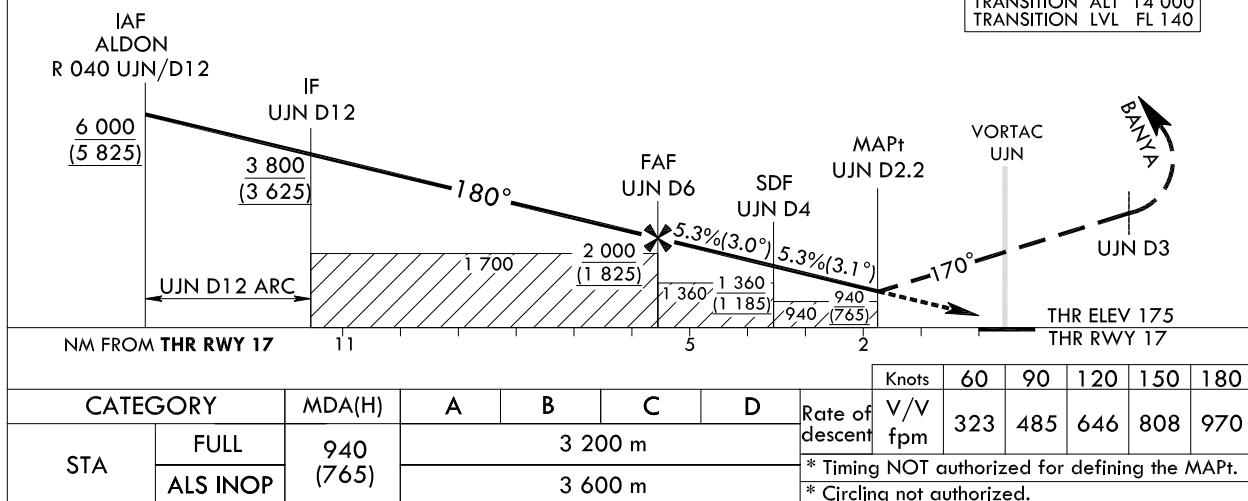
MISSED APPROACH

Climb on R 360 UJN to UJN and R 170 UJN to 3 DME, then turn left to BANYA and hold at 6 000 ft.

RECOMMENDED PROFILE

DME UJN	5	4	3	2.5
Final Approach Gradient 5.30%, 323 ft/NM	1 680 (1 505)	1 360 (1 184)	1 034 (859)	879 (704)

TRANSITION ALT 14 000
TRANSITION LVL FL 140



Change : Page control.

ULJIN/Uijin(RKTAL)
VOR RWY 17

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 17 from ALDON(IAF)		
	Fix/Point	Coordinates
ALDON(IAF)	R 040 UJN/ 12.00 NM UJN	36°56'46.3"N 129°35'23.0"E
D12.0 UJN(IF)	BRG 180.27° / 12.00 NM UJN	36°58'28.9"N 129°25'22.0"E
D6.0 UJN(FAF)	BRG 180.27° / 6.00 NM UJN	36°52'32.1"N 129°26'24.4"E
D4.0 UJN(SDF)	BRG 180.27° / 4.00 NM UJN	36°50'33.0"N 129°26'45.4"E
D2.2 UJN(MAPt)	BRG 180.27° / 2.20 NM UJN	36°48'45.7"N 129°27'04.1"E
THR RWY 17	Final approach descent angle 3.01°(FAF-SDF) / 3.06°(SDF-THR)	36°47'05.09"N 129°27'31.62"E
UJN VORTAC		36°46'35.2"N 129°27'26.9"E
D3 UJN	R 170 UJN/ 3.00 NM UJN	36°43'44.4"N 129°28'38.6"E
BANYA	R 130 UJN/ 12.00 NM UJN	36°40'12.4"N 129°40'05.8"E

**INSTRUMENT
APPROACH
CHART - ICAO**

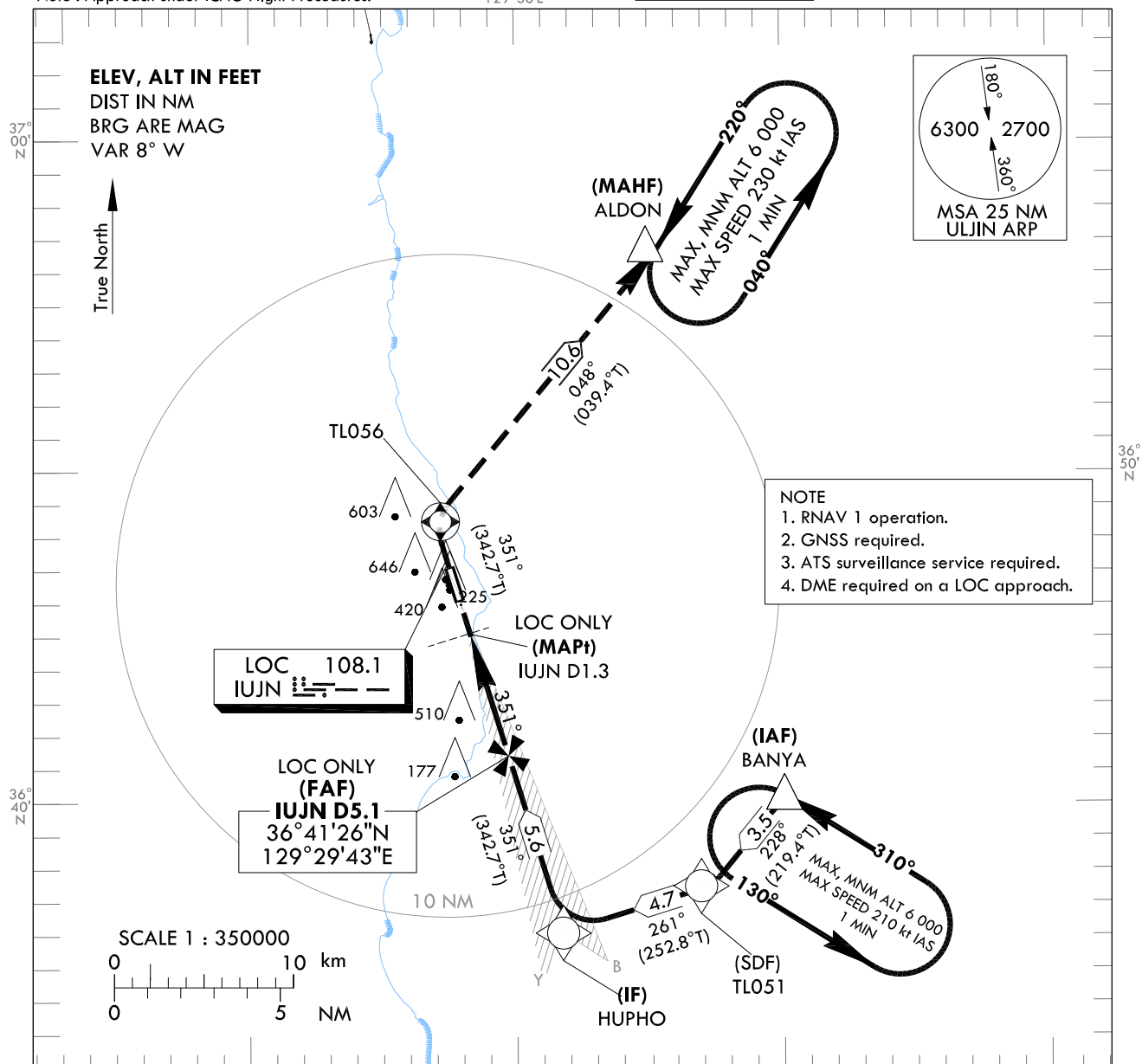
AERODROME ELEV 175 ft
HEIGHTS RELATED TO
THR RWY 35 - ELEV 158 ft

ULJIN	ARR	120.875
		317.65
ULJIN	TWR	118.55
		317.45

**ULJIN/ULjin(RKTL)
ILS Z or LOC Z RWY 35**

Note : Approach under ICAO Flight Procedures.

129°30'E

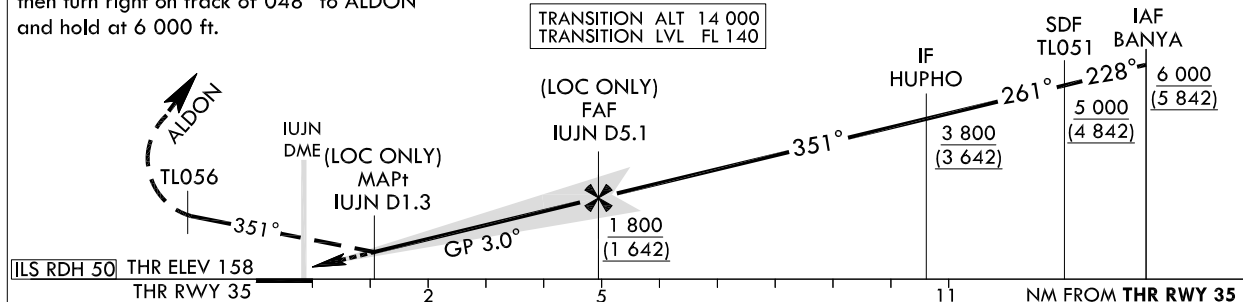


MISSED APPROACH

Climb straight ahead until TL056,
then turn right on track of 048° to ALDON
and hold at 6 000 ft.

RECOMMENDED PROFILE(LOC ONLY)		DME IUJN	5	4	3	2	1.3
Final Approach Gradient	5.31%, 323 ft/NM	ALT(HGT)	1 774 (1 616)	1 451 (1 293)	1 128 (970)	805 (647)	579 (421)

TRANSITION ALT	14 000
TRANSITION LVL	FL 140



CATEGORY			DA(H)/MDA(H)	A	B	C	D	NM FROM THR RWY 35						
STA	CAT-1 (CG 2.5%)	FULL	511 (353)	1 100 m					Knots	60	90	120	150	180
		ALS INOP		1 800 m										
	CAT-1 (CG 4.0%)	FULL	391 (233)	RVR 550 m, VIS 800 m				Rate of descent	V/V fpm	322	483	644	805	966
		ALS INOP		1 200 m										
	LOC	FULL	580 (422)	1 500 m				* Timing NOT authorized for defining the MAPt.						
		ALS INOP		2 200 m				* Circling not authorized.						

Change : Page control.

ULJIN/Uijin(RKTL)
ILS Z or LOC Z RWY 35

AERONAUTICAL DATA TABULATION

ILS Z / LOC Z Approach to RWY 35 from BANYA(IAF)		
	Fix/Point	Coordinates
BANYA(IAF)	R 130 UJN/12.00 NM UJN	36°40'12.4"N 129°40'05.8"E
TL051(SDF)	BRG 261.04°	36°37'30.8"N 129°37'21.1"E
HUPHO(IF)	BRG 350.99°/10.65 NM UJN	36°36'07.0"N 129°31'45.8"E
D5.1 IUJN(FAF)	BRG 350.97°/5.08 NM IUJN	36°41'26.4"N 129°29'42.5"E
D1.3 IUJN (MAPt LOC Only)	BRG 350.95°/1.30 NM IUJN	36°45'03.3"N 129°28'18.7"E
THR RWY 35	Final approach descent angle 3.04°(LOC ONLY)	36°46'09.33"N 129°27'53.20"E
UJN VORTAC		36°46'35.2"N 129°27'26.9"E
TL056		36°48'33.0"N 129°26'57.6"E
ALDON		36°56'46.3"N 129°35'23.0"E

**INSTRUMENT
APPROACH
CHART - ICAO**

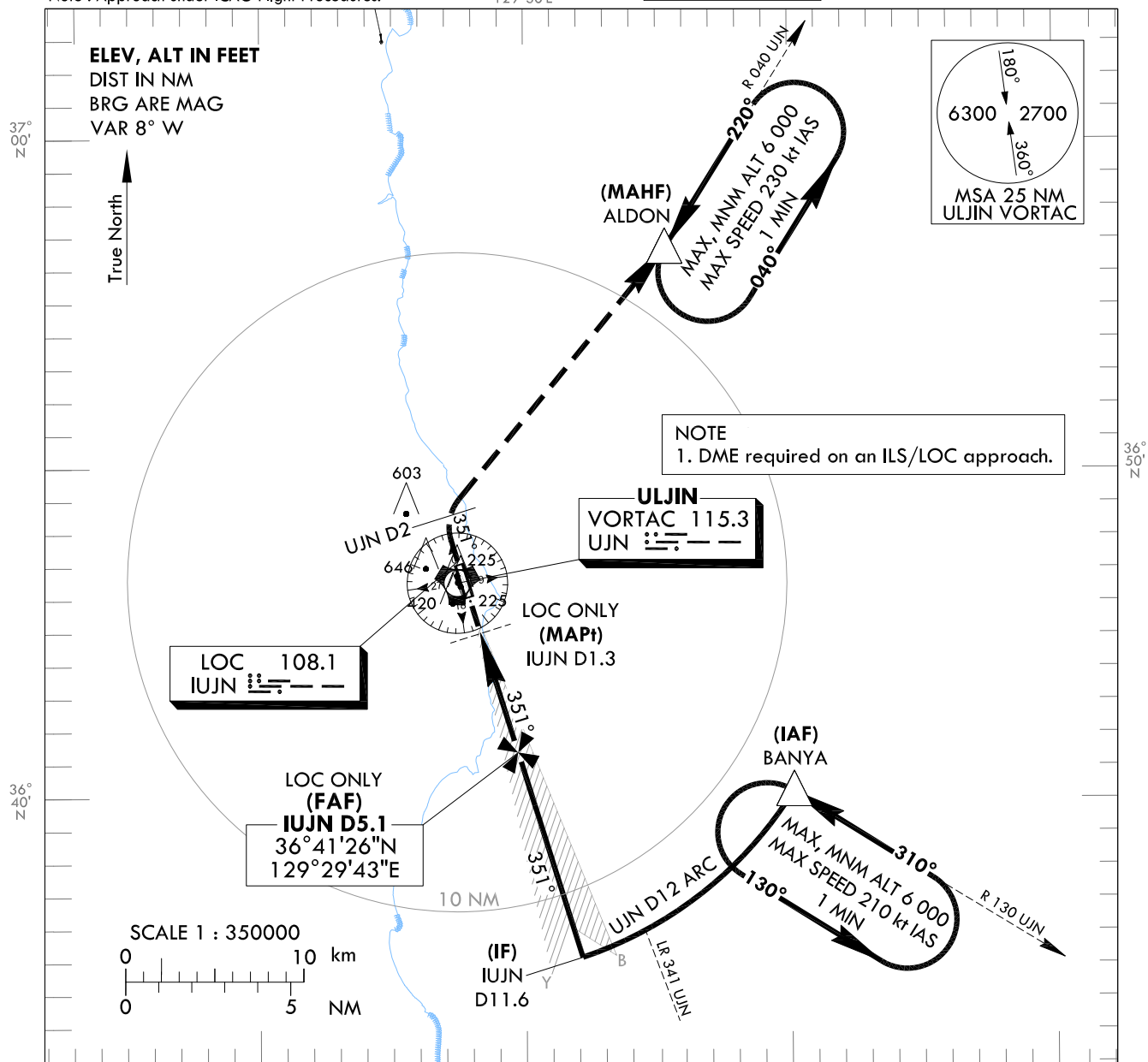
AERODROME ELEV 175 ft
HEIGHTS RELATED TO
THR RWY 35 - ELEV 158 ft

ULJIN	ARR	120.875
		317.65
ULJIN	TWR	118.55
		317.45

ULJIN/ULjin(RKTL)
ILS Y or LOC Y RWY 35

Note : Approach under ICAO Flight Procedures.

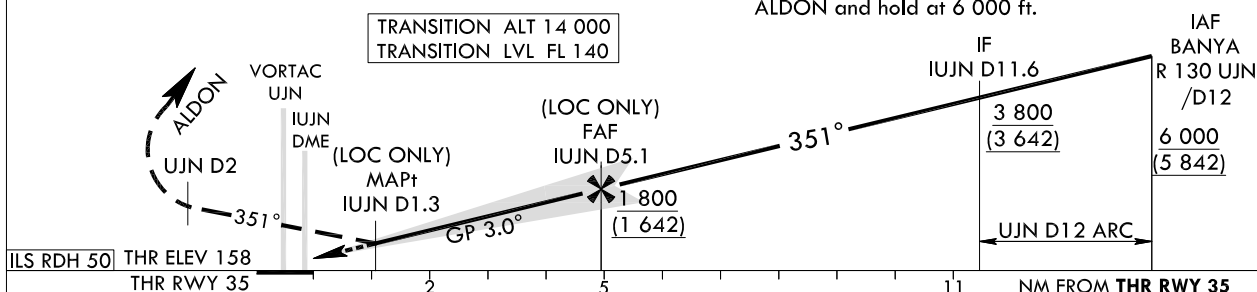
129°30'E



RECOMMENDED PROFILE(LOC ONLY)	DME IUJN	5	4	3	2	1.3
Final Approach Gradient 5.31%, 323 ft/NM	ALT(HGT)	1 774 (1 616)	1 451 (1 293)	1 128 (970)	805 (647)	579 (421)

MISSED APPROACH

Climb straight ahead until IUJN D2, then turn right to ALDON and hold at 6 000 ft.



CATEGORY			DA(H)/MDA(H)	A	B	C	D													
STA	CAT-1 (CG 2.5%)	FULL	511 (353)	1 100 m			Rate of descent	Knots V/V fpm	60	90	120	150	180							
		ALS INOP	1 800 m																	
	CAT-1 (CG 4.0%)	FULL	391 (233)	RVR 550 m, VIS 800 m																
		ALS INOP	1 200 m																	
	LOC	FULL	580 (422)	1 500 m										* Timing NOT authorized for defining the MAPt.						
		ALS INOP	2 200 m			* Circling not authorized.														

* Timing NOT authorized for defining the MAPt.

* Circling not authorized.

Change : Page control.

ULJIN/Uljin(RKTL)
ILS Y or LOC Y RWY 35

AERONAUTICAL DATA TABULATION

ILS Y / LOC Y Approach to RWY 35 from BANYA(IAF)		
	Fix/Point	Coordinates
BANYA(IAF)	R 130 UJN/12.00 NM UJN	36°40'12.4"N 129°40'05.8"E
D11.6 IUJN(IF)	BRG 350.99°/11.63 NM IUJN	36°35'10.5"N 129°32'07.5"E
D5.1 IUJN(FAF)	BRG 350.97°/5.08 NM IUJN	36°41'26.4"N 129°29'42.5"E
D1.3 IUJN(MAPt LOC Only)	BRG 350.95°/1.30 NM IUJN	36°45'03.3"N 129°28'18.7"E
THR RWY 35	Final approach descent angle 3.04°(LOC ONLY)	36°46'09.33"N 129°27'53.20"E
UJN VORTAC		36°46'35.2"N 129°27'26.9"E
D2 UJN	R 351 UJN/2.00 NM UJN	36°48'33.0"N 129°26'57.6"E
ALDON	R 040 UJN/12.00 NM UJN	36°56'46.3"N 129°35'23.0"E

**INSTRUMENT
APPROACH
CHART - ICAO**

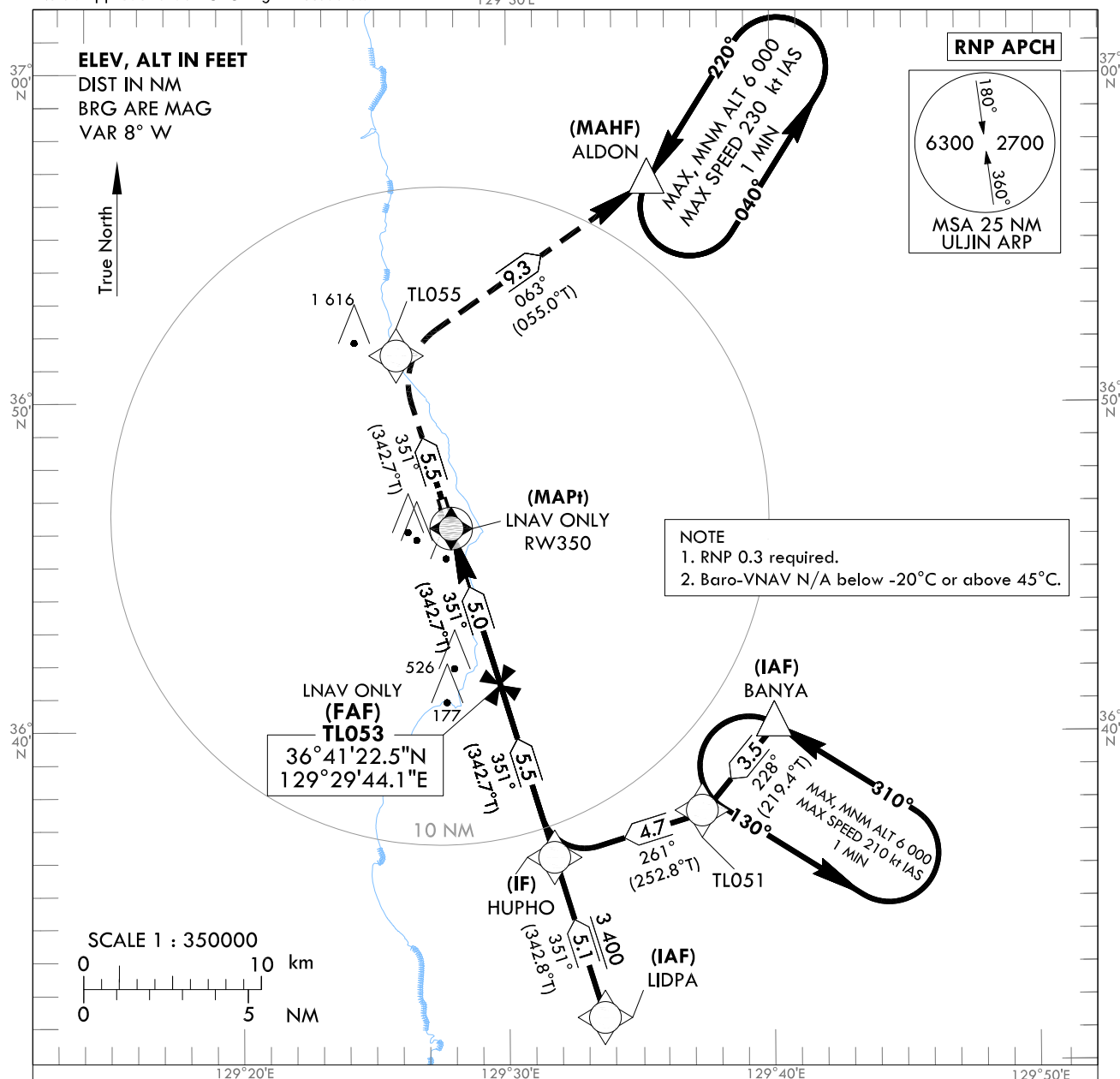
AERODROME ELEV 175 ft
HEIGHTS RELATED TO
THR RWY 35 - ELEV 158 ft

ULJIN ARR 120.875
317.65
ULJIN TWR 118.55
317.45

**ULJIN/ULjin(RKTL)
RNP RWY 35**

Note : Approach under ICAO Flight Procedures.

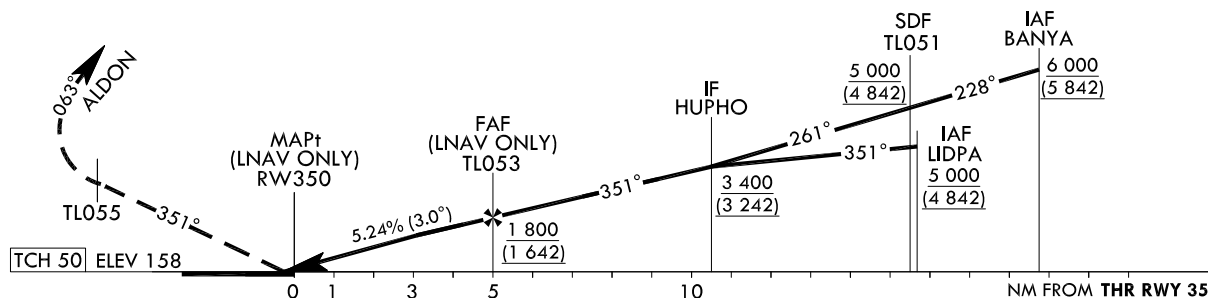
129°30'E



MISSED APPROACH

Climb to 6 000 ft on track of 351° to TL055, then turn right on track of 063° to ALDON. Hold as published.

TRANSITION ALT 14 000
TRANSITION LVL FL 140



CATEGORY			DA(H)/MDA(H)	A	B	C	D							
STA	LNNAV/VNAV	FULL	700 (542)	2 200 m			Rate of descent	Knots	60	90	120	150	180	
		ALS INOP	2 900 m			V/V fpm		318	478	637	796	955		
	LNNAV (CG 3.0%)	FULL	760 (602)	2 100 m				* Timing NOT authorized for defining the MAPt.						
		ALS INOP	2 800 m			* Circling not authorized.								

Change : Page control.

AERONAUTICAL DATA TABULATION

Instrument approach Procedure Coding Tables

RNP RWY 35 - via BANYA(IAF)												
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/TCH	Navigation specification	Remarks
001	IF	BANYA	-	-	-	-	+6 000	-	36°40'12.4"N 129°40'05.8"E	-	RNP APCH	IAF
002	TF	TL051	-	228(219.4)	3.5	-	+5 000	-	36°37'30.8"N 129°37'21.1"E	-	RNP APCH	SDF
003	TF	HUPHO	-	261(252.8)	4.7	-	+3 400	-	36°36'07.0"N 129°31'45.8"E	-	RNP APCH	IF
004	TF	TL053	-	351(342.7)	5.5	-	+1 800	-	36°41'22.5"N 129°29'44.1"E	-	RNP APCH	FAF
005	TF	RW350	Y	351(342.7)	5.0	-	+930	-	36°46'09.33"N 129°27'53.20"E	-3.0/50	RNP APCH	MAPt
006	TF	TL055	-	351(342.7)	5.5	-	-	-	36°51'25.4"N 129°25'50.7"E	-	RNP APCH	-
007	HM	ALDON	-	063(055.0)	9.3	-	@6 000	-	36°56'46.3"N 129°35'23.0"E	-	RNP APCH	¹ MIN (outbound timing)

RNP RWY 35 - via LIDPA(IAF)												
Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course/Track °M(°T)	Distance (NM)	Turn direction	Altitude (ft)	Speed (kt)	Coordinates	VPA/ TCH	Navigation specification	Remarks
001	IF	LIDPA	-	-	-	-	+5 000	-	36°31'13.6"N 129°33'38.6"E	-	RNP APCH	IAF
002	TF	HUPHO	-	351(342.8)	5.1	-	+3 400	-	36°36'07.0"N 129°31'45.8"E	-	RNP APCH	IF
003	TF	TL053	-	351(342.7)	5.5	-	+1 800	-	36°41'22.5"N 129°29'44.1"E	-	RNP APCH	FAF
004	TF	RW350	Y	351(342.7)	5.0	-	+930	-	36°46'09.33"N 129°27'53.20"E	-3.0/50	RNP APCH	MAPt
005	TF	TL055	-	351(342.7)	5.5	-	-	-	36°51'25.4"N 129°25'50.7"E	-	RNP APCH	-
006	HM	ALDON	-	063(055.0)	9.3	-	@6 000	-	36°56'46.3"N 129°35'23.0"E	-	RNP APCH	¹ MIN (outbound timing)

**INSTRUMENT
APPROACH
CHART - ICAO**

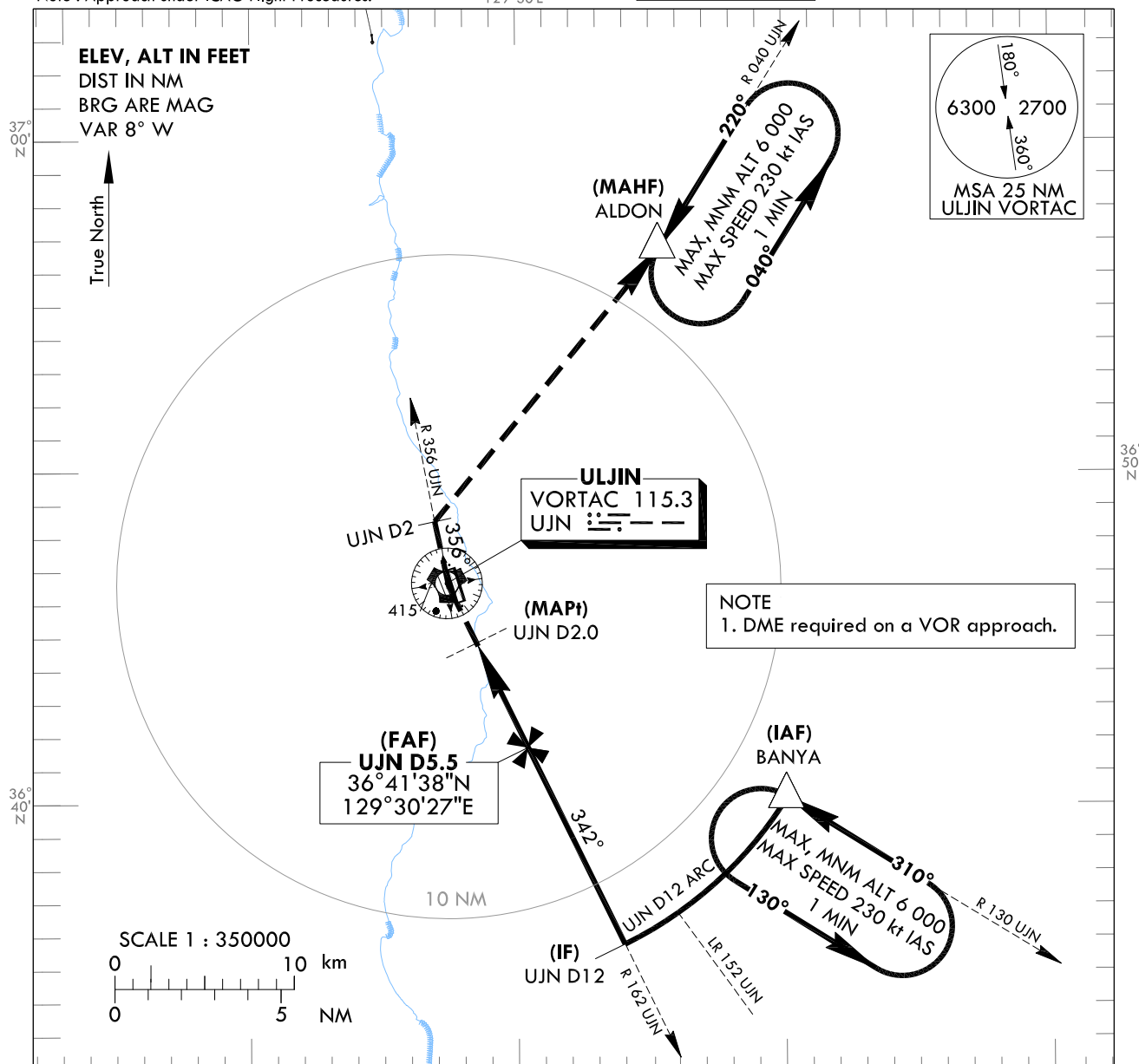
AERODROME ELEV 175 ft
HEIGHTS RELATED TO
THR RWY 35 - ELEV 158 ft

ULJIN	ARR	120.875
		317.65
ULJIN	TWR	118.55
		317.45

**ULJIN/ULjin(RKTL)
VOR RWY 35**

Note : Approach under ICAO Flight Procedures.

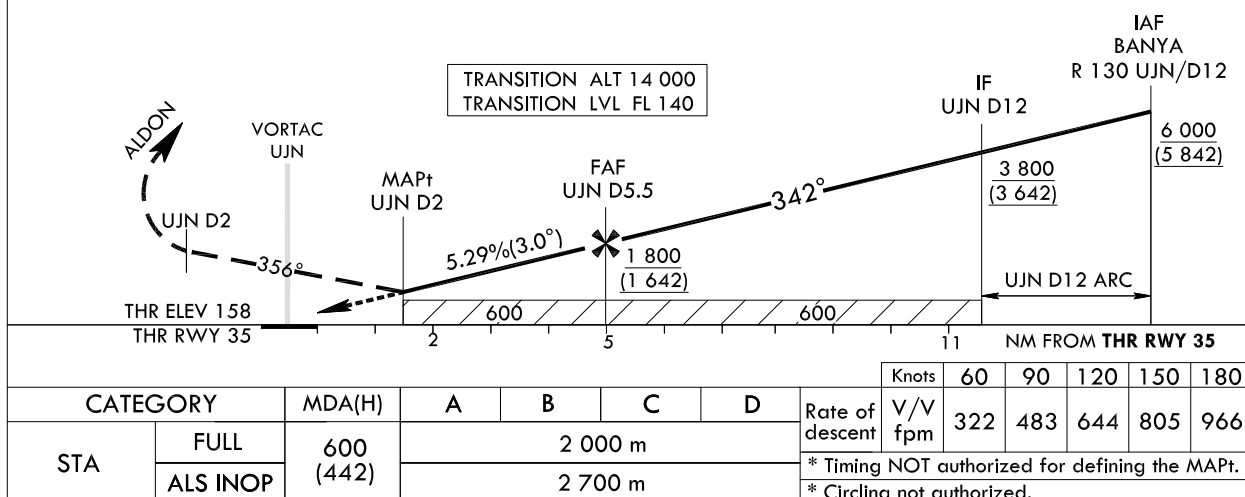
129°30'E



MISSED APPROACH

Climb on R 162 UJN to UJN and R 356 UJN to 2 DME,
then turn right to ALDON and hold at 6 000 ft.

RECOMMENDED PROFILE		DME UJN	5	4	3	2
Final Approach Gradient 5.29%, 322 ft/NM		ALT(HGT)	1 639 (1 481)	1 317 (1 159)	995 (873)	673 (515)



Change : Page control.

ULJIN/Uljin(RKTL)
VOR RWY 35

AERONAUTICAL DATA TABULATION

VOR Approach to RWY 35 from BANYA(IAF)		
	Fix/Point	Coordinates
BANYA(IAF)	R 130 UJN/12.00 NM UJN	36°40'12.4"N 129°40'05.8"E
D12.0 UJN(IF)	BRG 342.27°/12.00 NM UJN	36°35'46.8"N 129°33'59.3"E
D5.5 UJN(FAF)	BRG 342.27°/6.30 NM UJN	36°41'38.1"N 129°30'26.8"E
D2.0 UJN(MAPt)	BRG 342.27°/2.40 NM UJN	36°44'47.2"N 129°28'32.4"E
THR RWY 35	Final approach descent angle 3.03°	36°46'09.33"N 129°27'53.20"E
UJN VORTAC		36°46'35.2"N 129°27'26.9"E
D2 UJN	R 356 UJN/2.00 NM UJN	36°48'32.7"N 129°26'55.9"E
ALDON	R 040 UJN/12.00 NM UJN	36°56'46.3"N 129°35'23.0"E