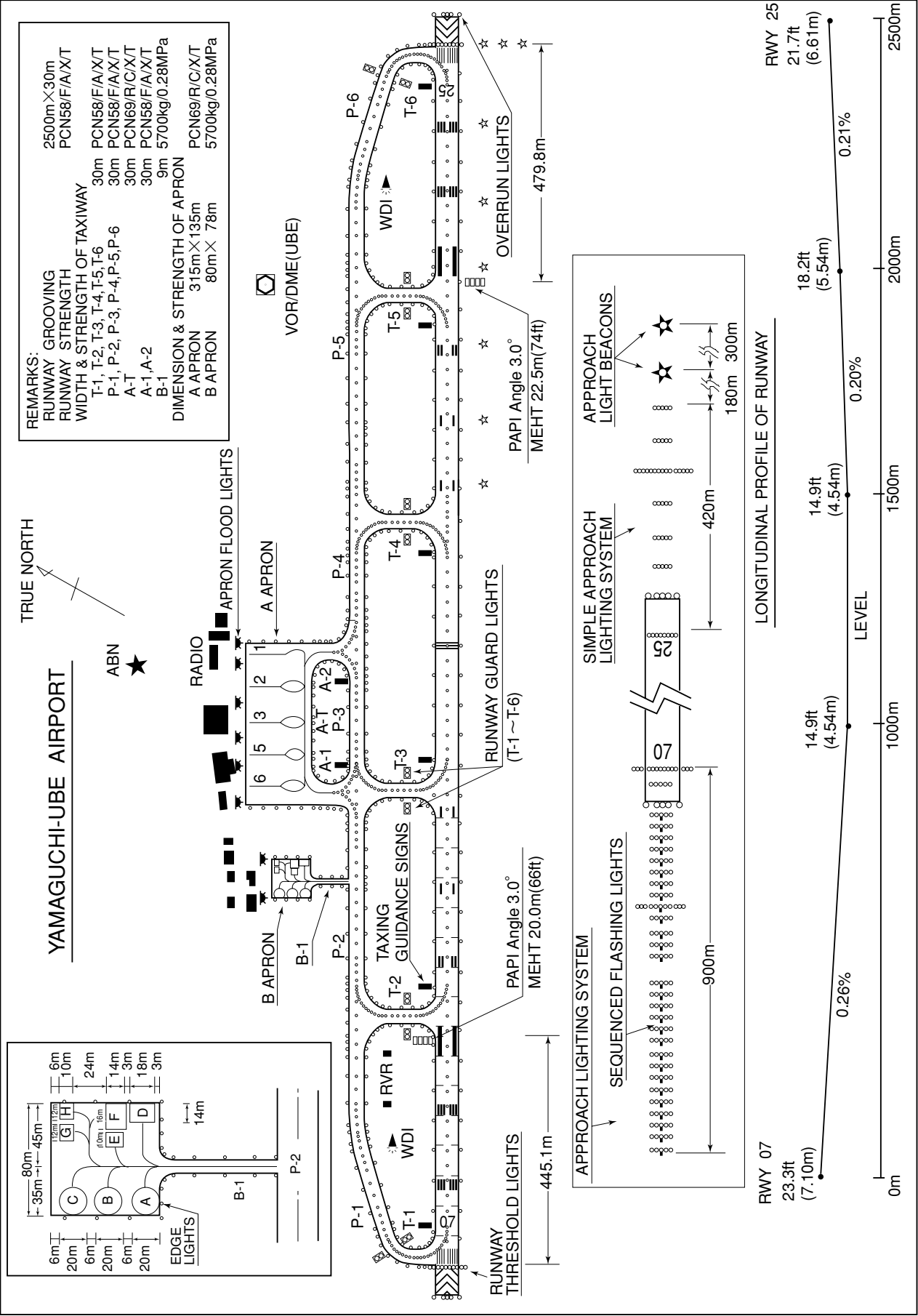


RJDC / YAMAGUCHI-UBE

AD CHART



STANDARD DEPARTURE CHART - INSTRUMENT

RJDC / YAMAGUCHI-UBE

SID

UBE REVERSAL TWO DEPARTURE

RWY07 : Climb RWY HDG to 500FT, turn right HDG178°...

RWY25 : Climb RWY HDG to 500FT, turn left HDG088°...

...to intercept and proceed via UBE R133 to 4000FT, turn right, direct to UBE VOR/DME.

Cross UBE VOR/DME at or above 5000FT.

HIMEH EIGHT DEPARTURE

RWY07 : Climb RWY HDG to 500FT, turn right HDG178°...

RWY25 : Climb RWY HDG to 500FT, turn left HDG088°...

...to intercept and proceed via UBE R133 to HIMEH.



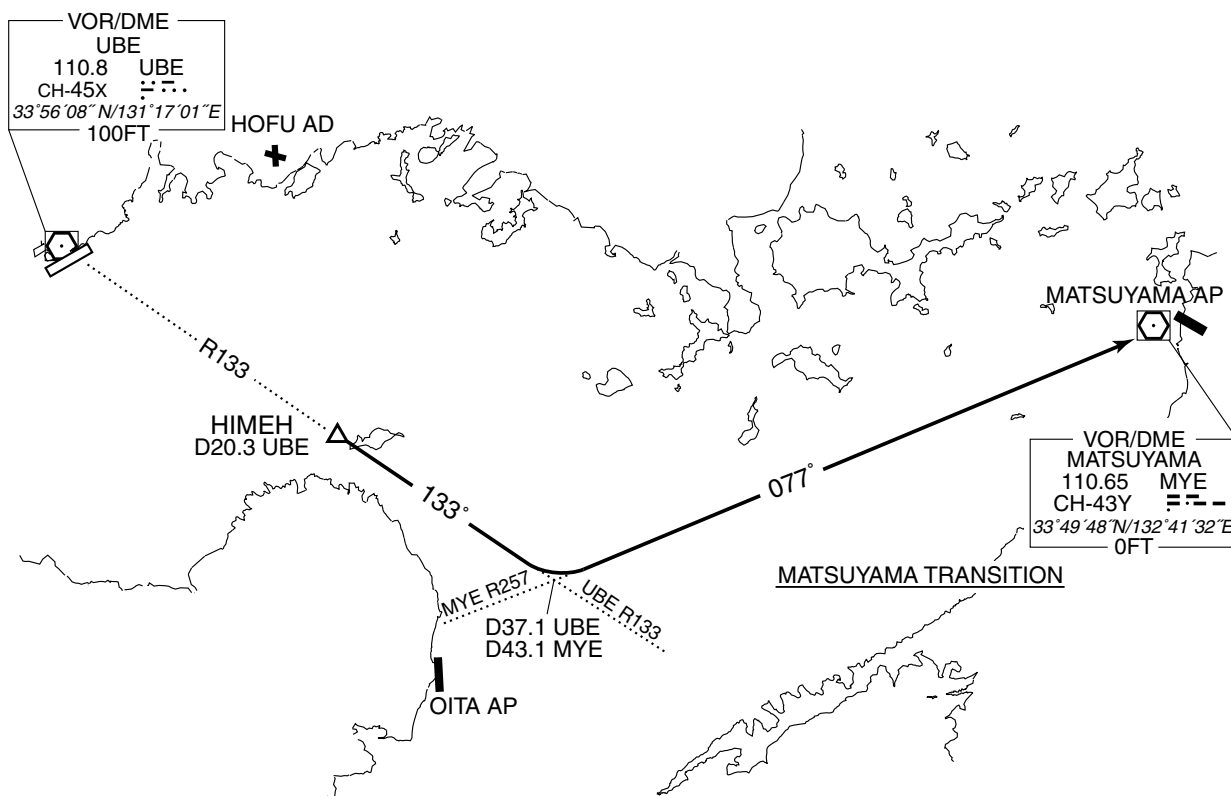
STANDARD DEPARTURE CHART - INSTRUMENT

RJDC / YAMAGUCHI-UBE

TRANSITION

MATSUYAMA TRANSITION

From over HIMEH, via UBE R133 to intercept and proceed via MYE R257 to MYE VOR/DME.



STANDARD DEPARTURE CHART - INSTRUMENT

RJDC / YAMAGUCHI-UBE

TRANSITION

MARCO TRANSITION

From over HIMEH, via UBE R133 to intercept and proceed via TFE R038 to MARCO.

MUSASHI TRANSITION

From over HIMEH, via TFE R346 to TFE VOR/DME.



STANDARD DEPARTURE CHART - INSTRUMENT

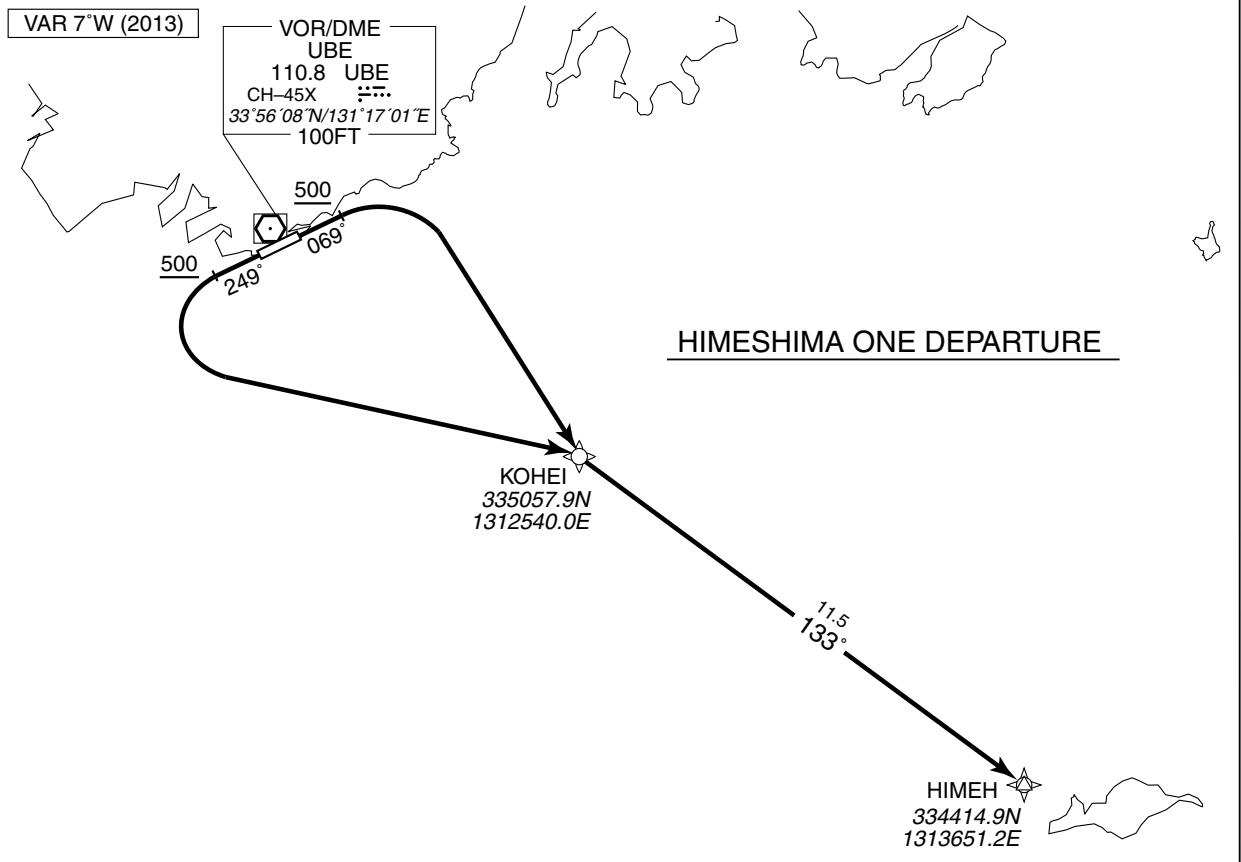
RJDC / YAMAGUCHI-UBE

RNAV SID

HIMESHIMA ONE DEPARTURE

Basic RNP1

Note GNSS required.

HIMESHIMA ONE DEPARTURE

RWY07 : Climb on HDG 069° at or above 500FT, turn right direct to KOHEI, to HIMEH.

RWY25 : Climb on HDG 249° at or above 500FT, turn left direct to KOHEI, to HIMEH.

HIMESHIMA ONE DEPARTURE

RWY07

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	069 (062.2)	-7.1	—	—	+500	—	—	Basic RNP1
002	DF	KOHEI	—	—	-7.1	—	R	—	—	—	Basic RNP1
003	TF	HIMEH	—	133 (125.8)	-7.1	11.5	—	—	—	—	Basic RNP1

RWY25

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	—	—	249 (242.2)	-7.1	—	—	+500	—	—	Basic RNP1
002	DF	KOHEI	—	—	-7.1	—	L	—	—	—	Basic RNP1
003	TF	HIMEH	—	133 (125.8)	-7.1	11.5	—	—	—	—	Basic RNP1

STANDARD DEPARTURE CHART - INSTRUMENT

RJDC / YAMAGUCHI-UBE

RNAV TRANSITION

ABARTO TRANSITION			RNAV 1
Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required.	Critical DME	—	
	DME GAP	—	
	Inappropriate Nav aids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1	

VAR 7°W (2012)

ABARTO TRANSITION



ABARTO TRANSITION

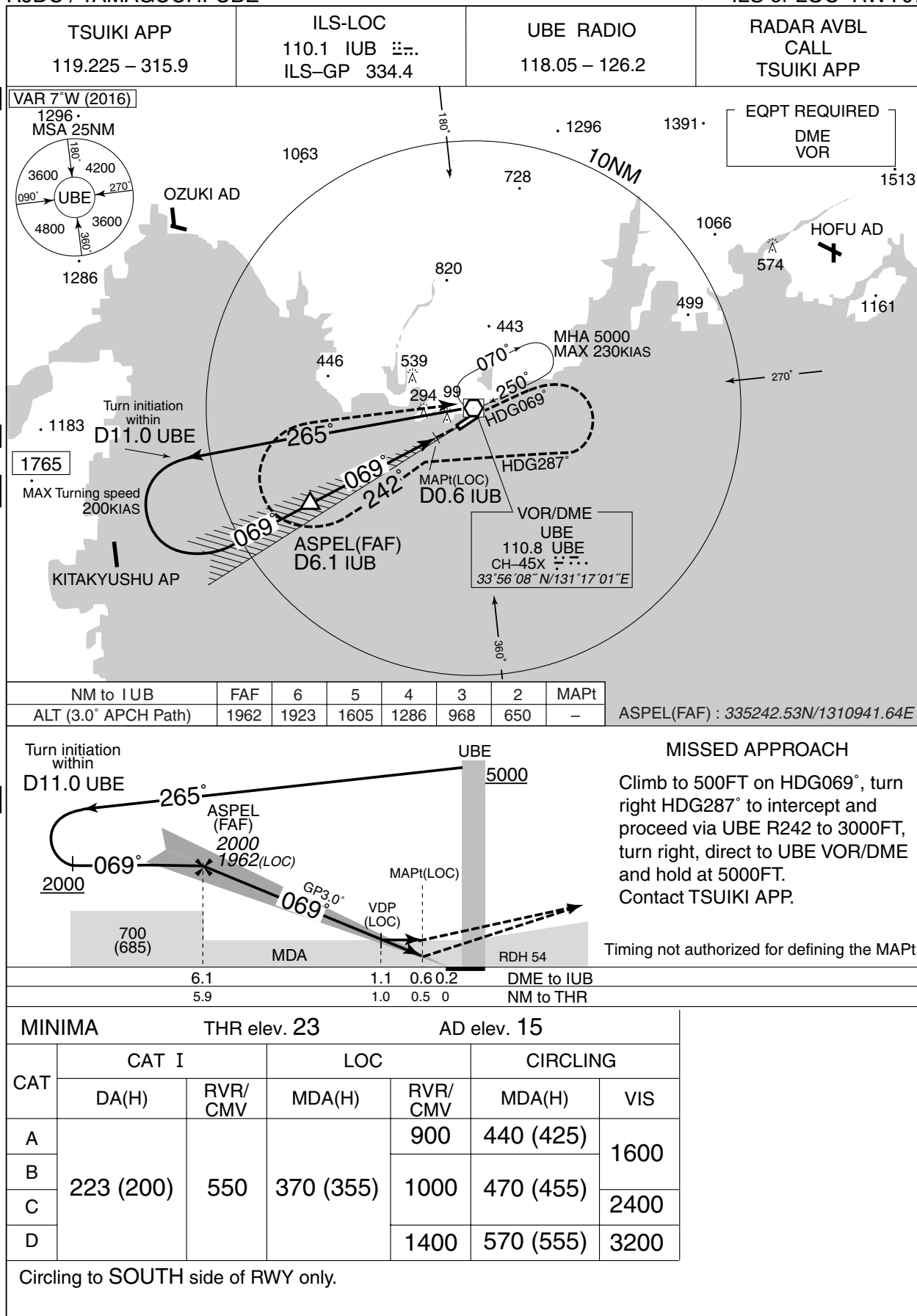
From HIMEH, to ALFET at or above FL160, to MILAN, to FIATO.

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	HIMEH	—	—	-7.1	—	—	—	—	—	RNAV1
002	TF	ALFET	—	109 (102.2)	-7.1	19.8	—	+FL160	—	—	RNAV1
003	TF	MILAN	—	072 (065.1)	-7.1	37.3	—	—	—	—	RNAV1
004	TF	FIATO	—	082 (075.2)	-7.1	19.7	—	—	—	—	RNAV1

INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

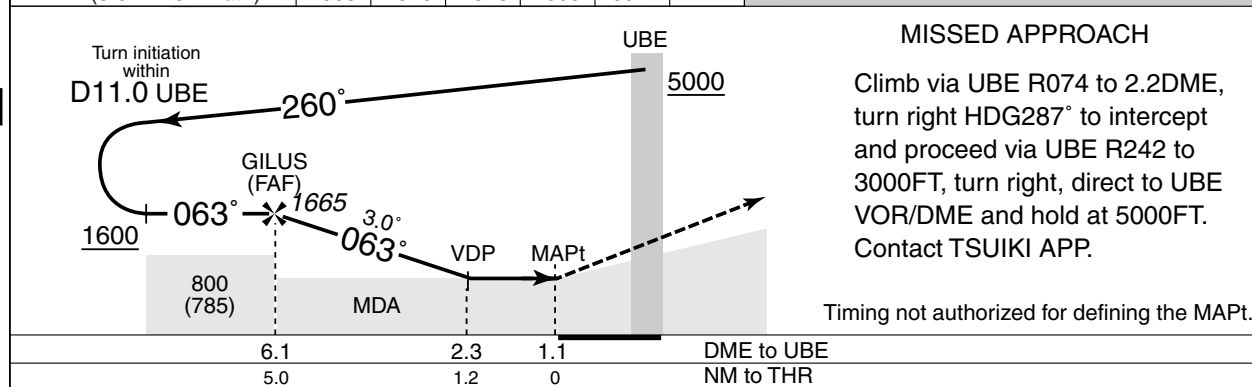
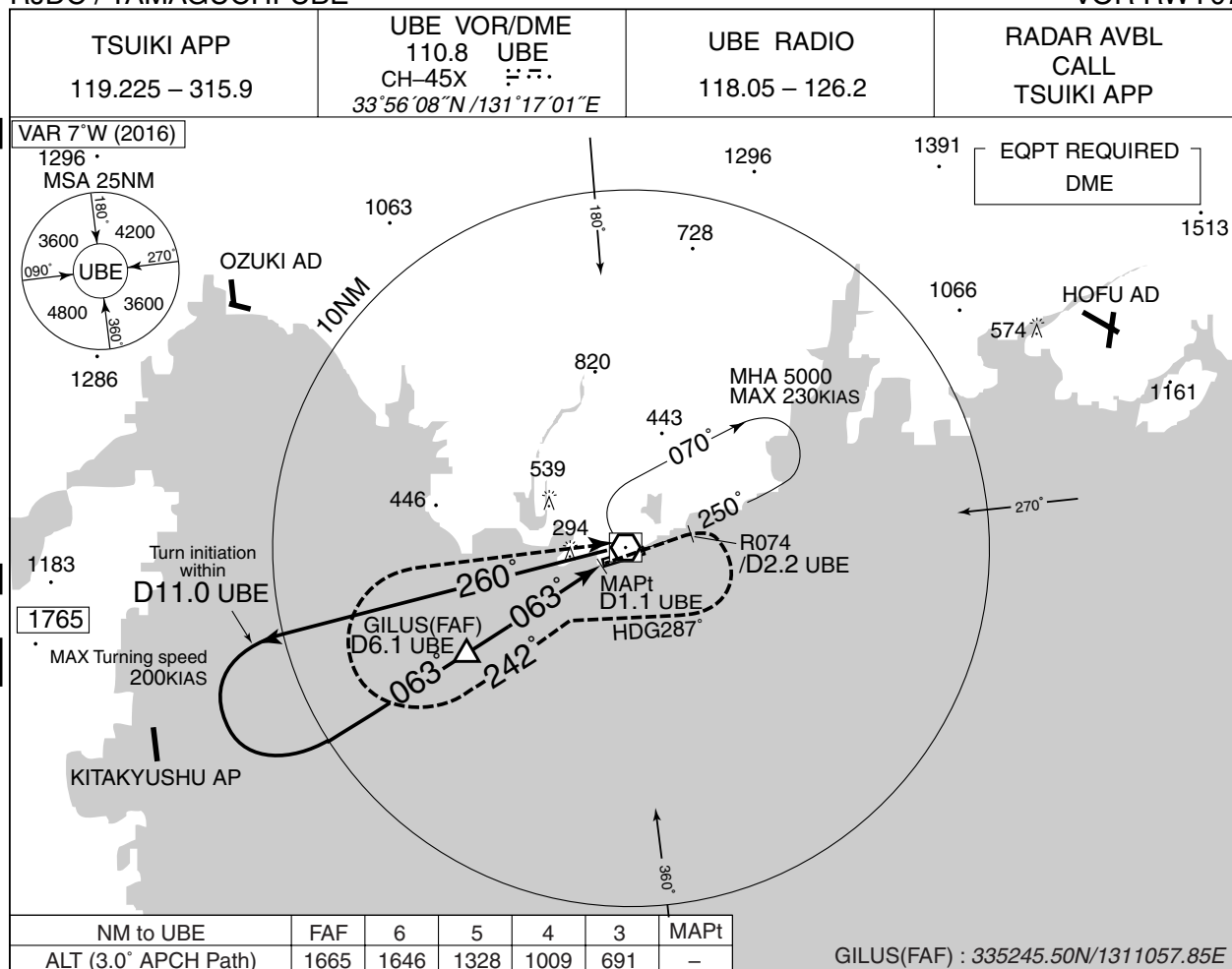
ILS or LOC RWY07



INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

VOR RWY07



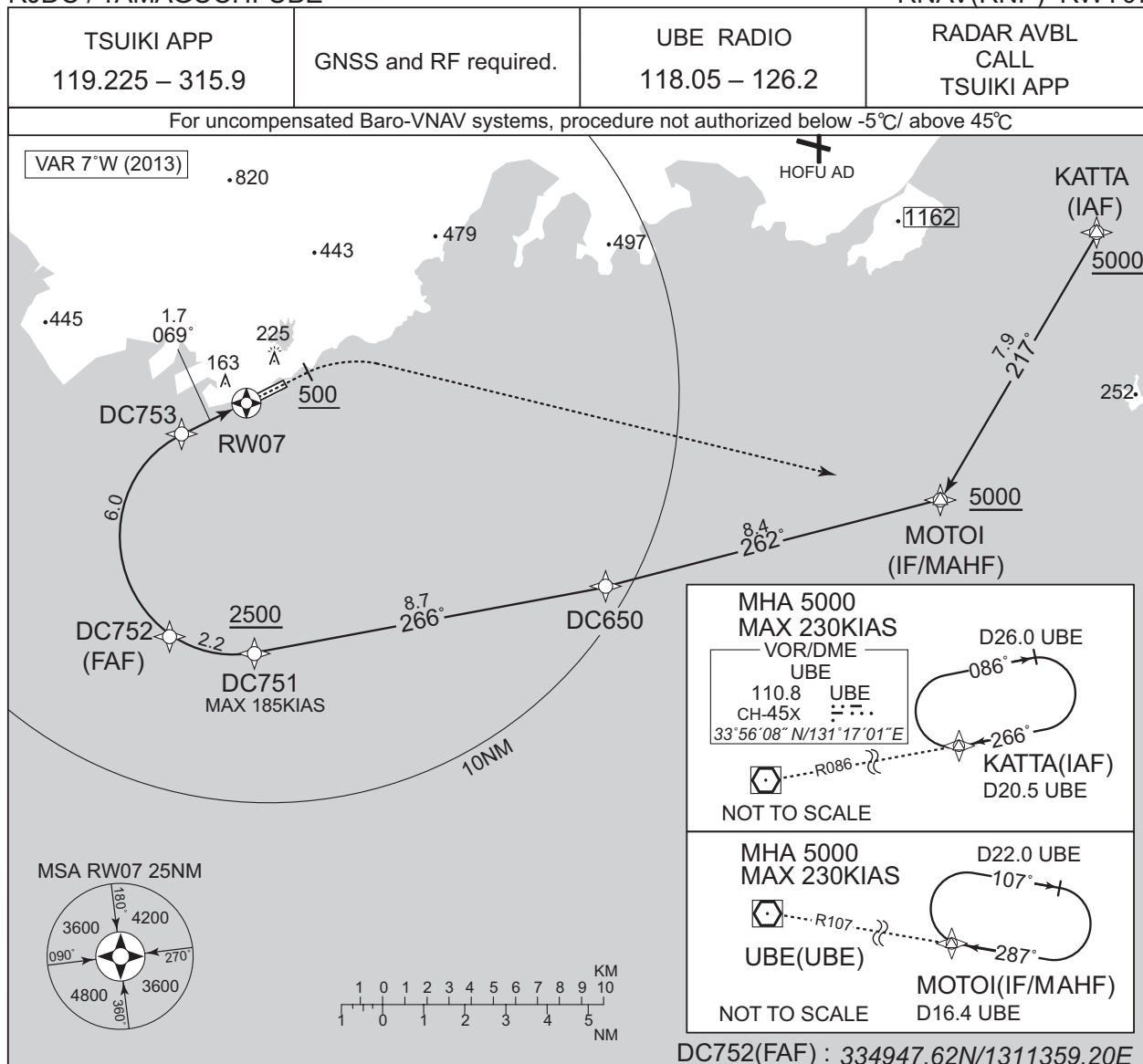
MINIMA		THR elev. 23	AD elev. 15	
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	450 (435)	900	450 (435)	1600
B		1000	470 (455)	
C				2400
D			1400	570 (555)

Circling to SOUTH side of RWY only.

INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

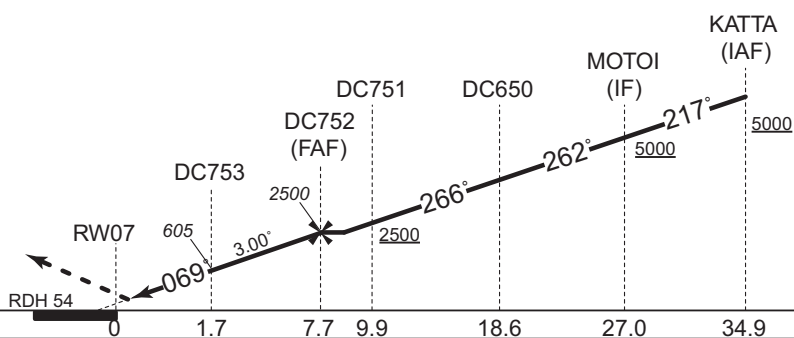
RNAV(RNP) RWY07



MISSED APPROACH

From RW07 on track 069°, at or above 500FT turn right, direct to MOTOI and hold at 5000FT.

Contact TSUIKI APP.



CHANGE : HLDG pattern

NM to THR		
MINIMA	THR elev. 23	AD elev. 15
RNP 0.30		
CAT	DA(H)	RVR/CMV
A	-	-
B	-	-
C	324(301)	1000
D		1400

RNP AR
Special Authorization Required

INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

RNAV(RNP) RWY07

RNAV (RNP) RWY07Coding Table

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/RDH (°/FT)	RNP Value
001	IF	KATTA	—	—	-7.1	—	—	+5000	—	—	—
002	TF	MOTOI	—	217 (209.7)	-7.1	7.9	—	+5000	—	—	1.0
003	TF	DC650	—	262 (254.7)	-7.1	8.4	—	—	—	—	1.0
004	TF	DC751	—	266 (258.4)	-7.1	8.7	—	+2500	-185	—	1.0
005	RF Center: DCRF1 r=2.83NM	DC752	—	—	-7.1	2.2	R	2500	—	—	1.0
006	RF Center: DCRF1 r=2.83NM	DC753	—	—	-7.1	6.0	R	605	—	-3.00	0.3
007	TF	RW07	Y	069 (062.1)	-7.1	1.7	—	77	—	-3.00/54	0.3
008	FA	—	—	069 (062.1)	-7.1	—	—	+500	—	—	1.0
009	DF	MOTOI	—	—	-7.1	—	R	5000	—	—	1.0

Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
KATTA	340013.04N / 1314112.84E	DCRF1	335211.33N / 1311547.68E
MOTOI	335323.26N / 1313630.85E		
DC650	335109.96N / 1312644.12E		
DC751	334924.96N / 1311628.63E		
DC752	334947.62N / 1311359.20E		
DC753	335442.44N / 1311414.70E		
RW07	335528.81N / 1311600.47E		

INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

RNAV(RNP) RWY25



CHANGE : HLDG pattern

INSTRUMENT APPROACH CHART

RJDC / YAMAGUCHI-UBE

RNAV(RNP) RWY25

RNAV (RNP) RWY25Coding Table

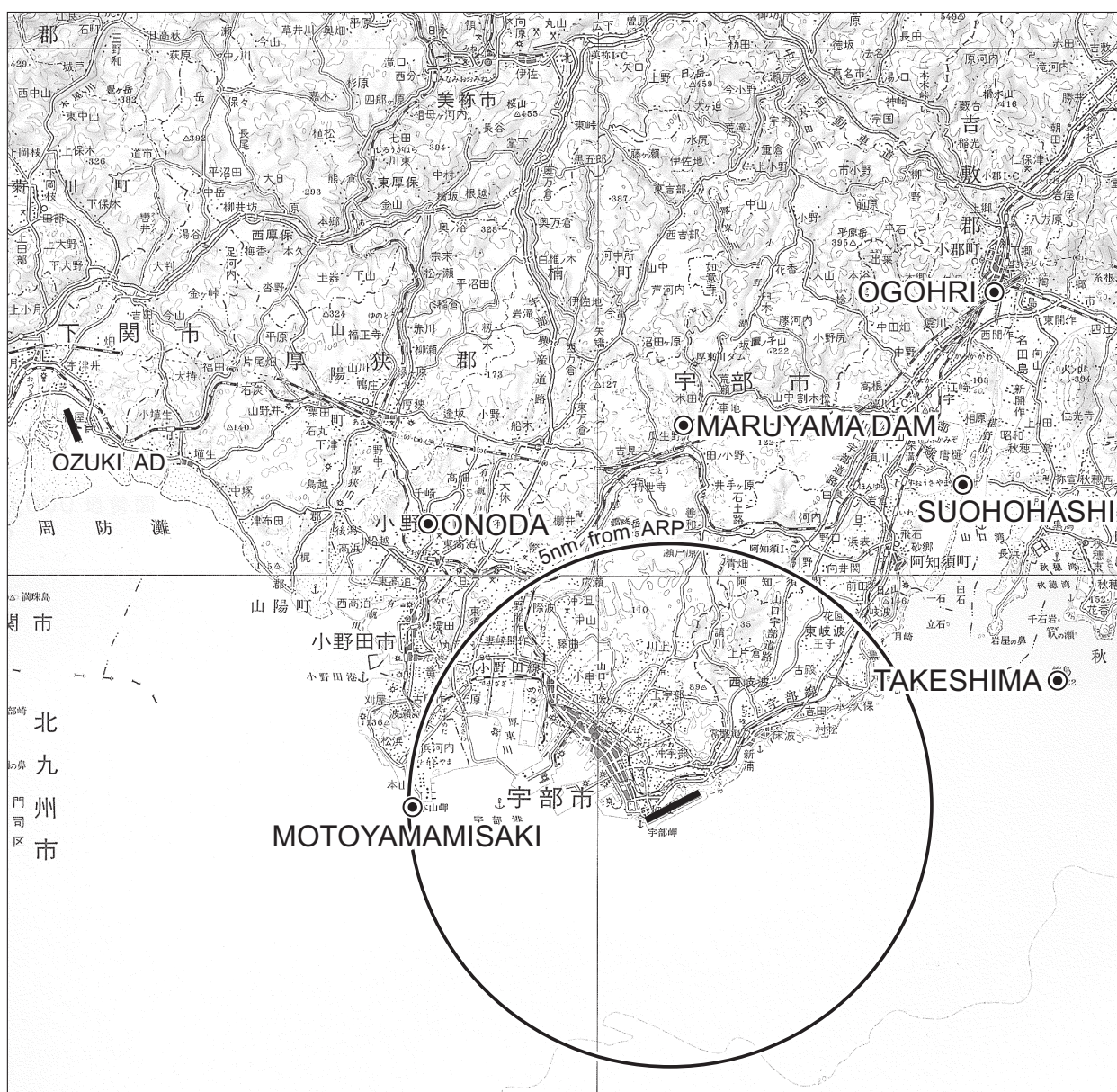
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course [°M(°T)]	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	VPA/ RDH (°/FT)	RNP Value
001	IF	KATTA	—	—	-7.1	—	—	+5000	—	—	—
002	TF	MOTOI	—	217 (209.7)	-7.1	7.9	—	+5000	—	—	1.0
003	TF	DC650	—	262 (254.7)	-7.1	8.4	—	—	—	—	1.0
004	TF	DC551	—	340 (332.5)	-7.1	4.4	—	2300	—	—	1.0
005	TF	DC552	—	340 (332.5)	-7.1	0.9	—	2012	—	-3.00	0.3
006	RF Center: DCRF2 r=2.71NM	DC553	—	—	-7.1	4.3	L	657	—	-3.00	0.3
007	TF	RW25	Y	249 (242.2)	-7.1	1.8	—	72	—	-3.00/50	0.3
008	FA	—	—	249 (242.2)	-7.1	—	—	+500	—	—	1.0
009	DF	MOTOI	—	—	-7.1	—	L	5000	—	—	1.0

Waypoint Coordinates

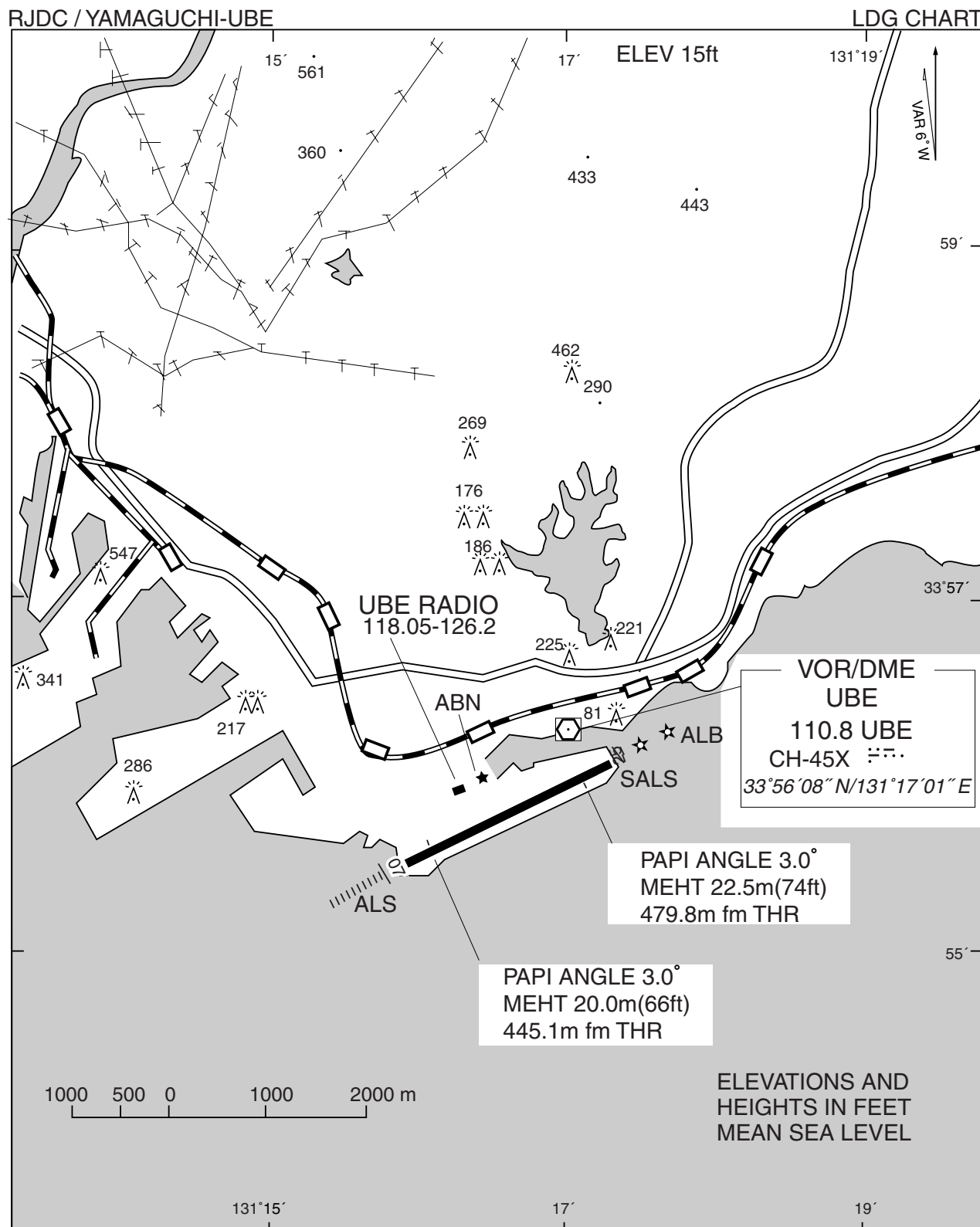
Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
KATTA	340013.04N / 1314112.84E	DCRF2	335434.00N / 1312055.44E
MOTOI	335323.26N / 1313630.85E		
DC650	335109.96N / 1312644.12E		
DC551	335502.02N / 1312418.38E		
DC552	335549.64N / 1312348.45E		
DC553	335657.98N / 1311924.10E		
RW25	335606.56N / 1311726.64E		

RJDC / YAMAGUCHI-UBE

Visual REP



Call sign	BRG / DIST from ARP	Remarks
小 郡 Ogohri	031°/11.4NM	JR駅 Station
小 野 田 Onoda	318°/ 7.2NM	高速道路インターチェンジ Interchange
丸 山 ダム Maruyama Dam	002°/ 7.1NM	ダム Dam
本 山 岬 Motoyamamisaki	271°/ 5.0NM	岬 Cape
周 防 大 橋 Suohohashi	042°/ 8.3NM	橋 Bridge
竹 島 Takeshima	072°/ 7.6NM	島 Island



RJDC / YAMAGUCHI-UBE

Minimum Vectoring Altitude CHART

