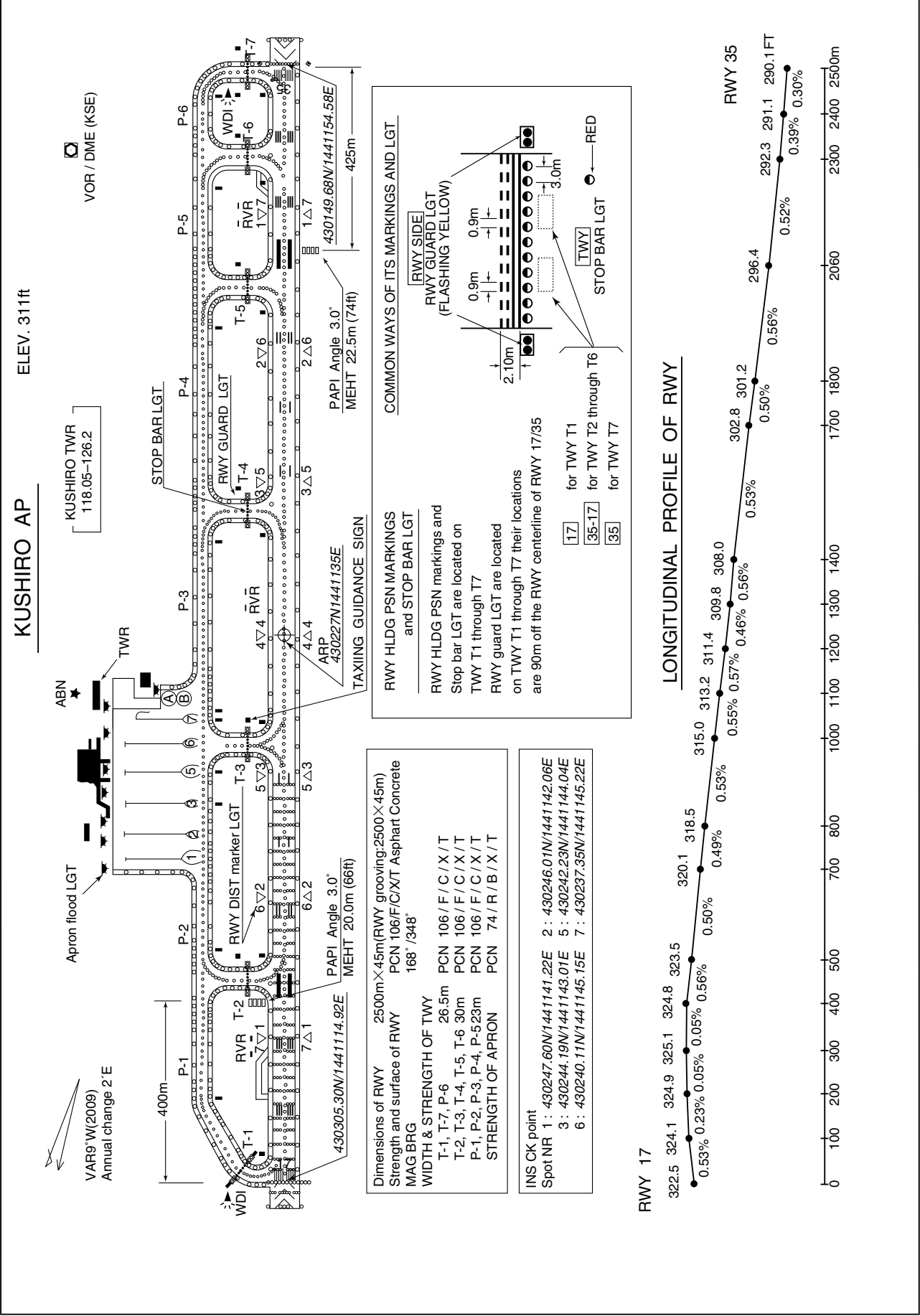


RJCK / KUSHIRO

AD CHART



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RJCK/KUSHIRO

PRECISION APPROACH TERRAIN CHART – ICAO



STANDARD DEPARTURE CHART -INSTRUMENT

RJCK / KUSHIRO

SID

ALICE THREE DEPARTURE

RWY17 : Climb RWY HDG to 1000FT, turn right...
RWY35 : Climb RWY HDG to 1000FT, turn left HDG155°...
...to intercept and proceed via KSE R200 to ALICE.
Cross ALICE at assigned altitude.

Note : No turn before DER.

ERIMO FOUR DEPARTURE

RWY17 : Climb RWY HDG to 1000FT, turn left...
RWY35 : Climb RWY HDG to 1000FT, turn left HDG116°...
...to intercept and proceed via KSE R161, via NSE R218, via KSE R200 to ERIMO.
Cross NSE R218/85.4DME at or above 10000FT.

Note : No turn before DER.

OBIHIRO THREE DEPARTURE

RWY17 : Climb RWY HDG to 1000FT, turn right HDG266°...
RWY35 : Climb RWY HDG to 1000FT, turn left HDG176°...
...to intercept and proceed via KSE R221, via OBE R097 to OBE VOR/DME.

Note : No turn before DER.

KUSHIRO REVERSAL FOUR DEPARTURE

RWY17 : Climb RWY HDG to 1000FT, turn right...
RWY35 : Climb RWY HDG to 1000FT, turn left HDG155°...
...to intercept and proceed via KSE R200 to 3000FT, turn left, direct to KSE VOR/DME.
Cross KSE VOR/DME at or above 5000FT.

Note : No turn before DER.

YUDOH TWO DEPARTURE

RWY17 : Climb RWY HDG to 1000FT, turn right HDG266°...
RWY35 : Climb RWY HDG to 1000FT, turn left HDG176°...
...to intercept and proceed via KSE R221 to YUDOH.

Note : No turn before DER.

EATAK ONE DEPARTURE

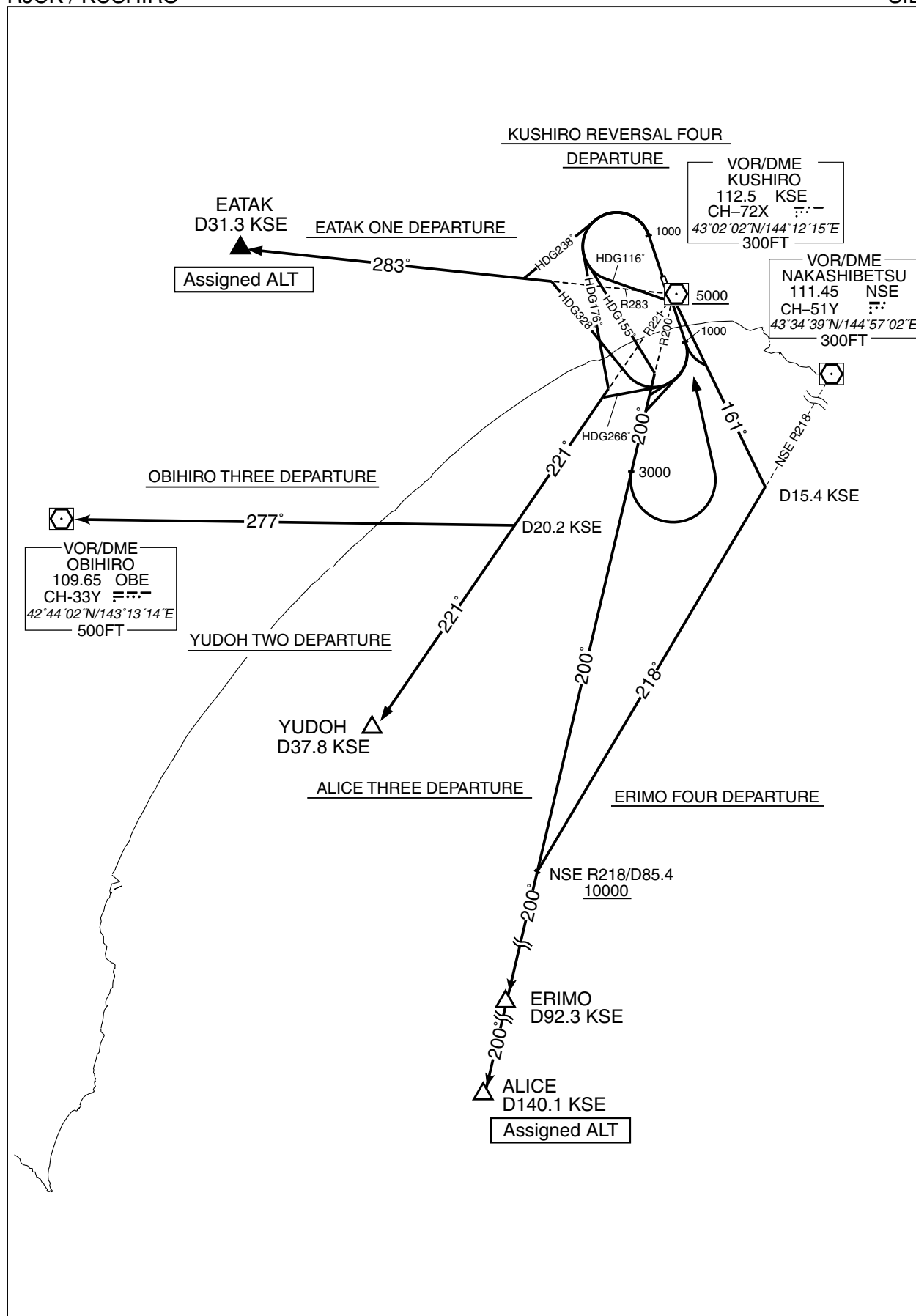
RWY17 : Climb RWY HDG to 1000FT, turn right HDG328°...
RWY35 : Climb RWY HDG to 1000FT, turn left HDG238°...
...to intercept and proceed via KSE R283 to EATAK.
Cross EATAK at assigned altitude.

Note : No turn before DER.

STANDARD DEPARTURE CHART -INSTRUMENT

RJCK / KUSHIRO

SID



STANDARD DEPARTURE CHART -INSTRUMENT

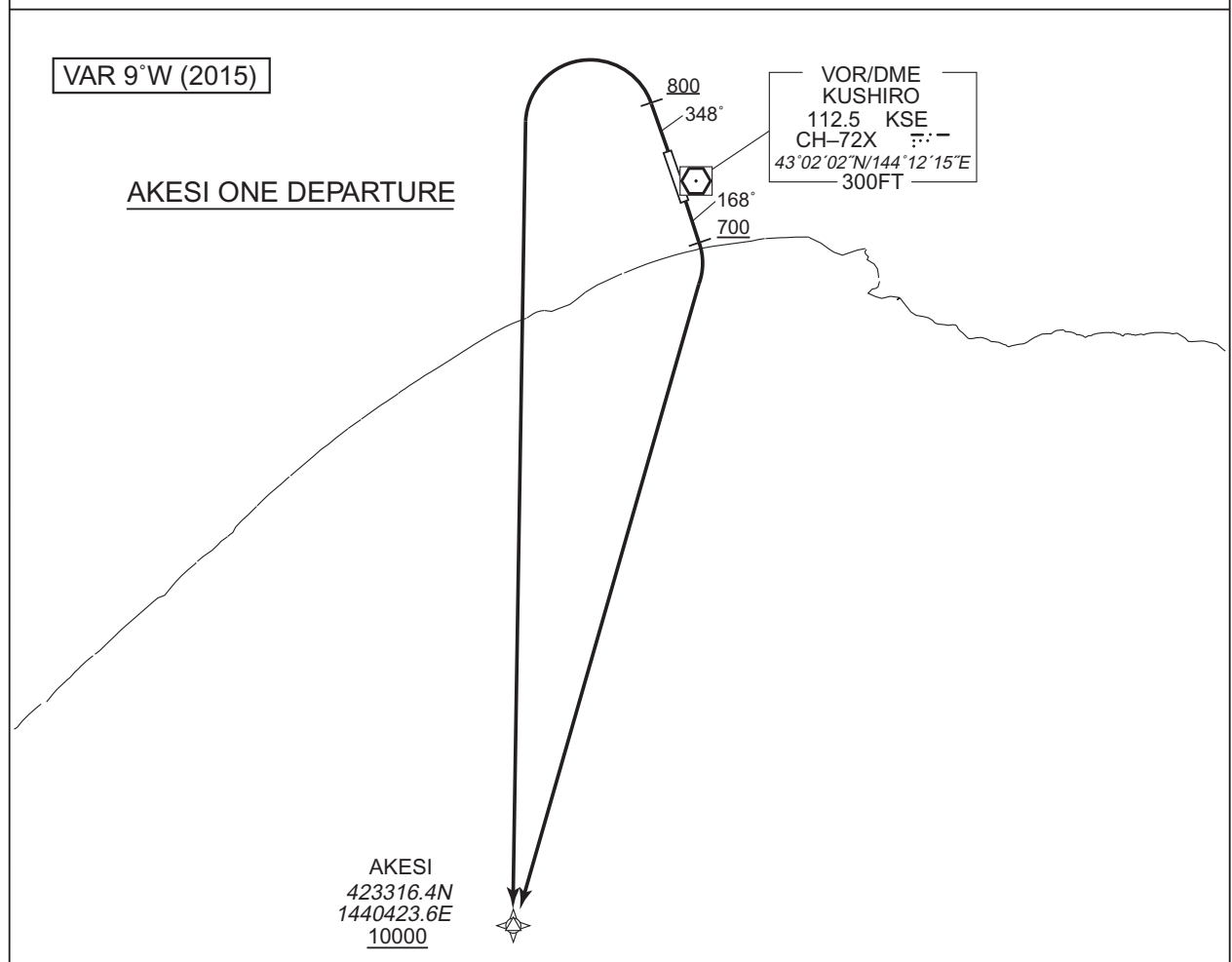
RJCK / KUSHIRO

RNAV SID

AKESI ONE DEPARTURE

Basic RNP1

Note GNSS required.



AKESI ONE DEPARTURE

RWY17 : Climb on HDG168° at or above 700FT, turn right direct to AKESI at or above 10000FT.

RWY35 : Climb on HDG348° at or above 800FT, turn left direct to AKESI at or above 10000FT.

RWY17

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	—	—	168 (159.0)	-8.9	—	—	+700	—	—	Basic RNP1
002	DF	AKESI	—	—	-8.9	—	R	+10000	—	—	Basic RNP1

RWY35

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	—	—	348 (339.0)	-8.9	—	—	+800	—	—	Basic RNP1
002	DF	AKESI	—	—	-8.9	—	L	+10000	—	—	Basic RNP1

STANDARD DEPARTURE CHART -INSTRUMENT

RJCK / KUSHIRO

RNAV SID

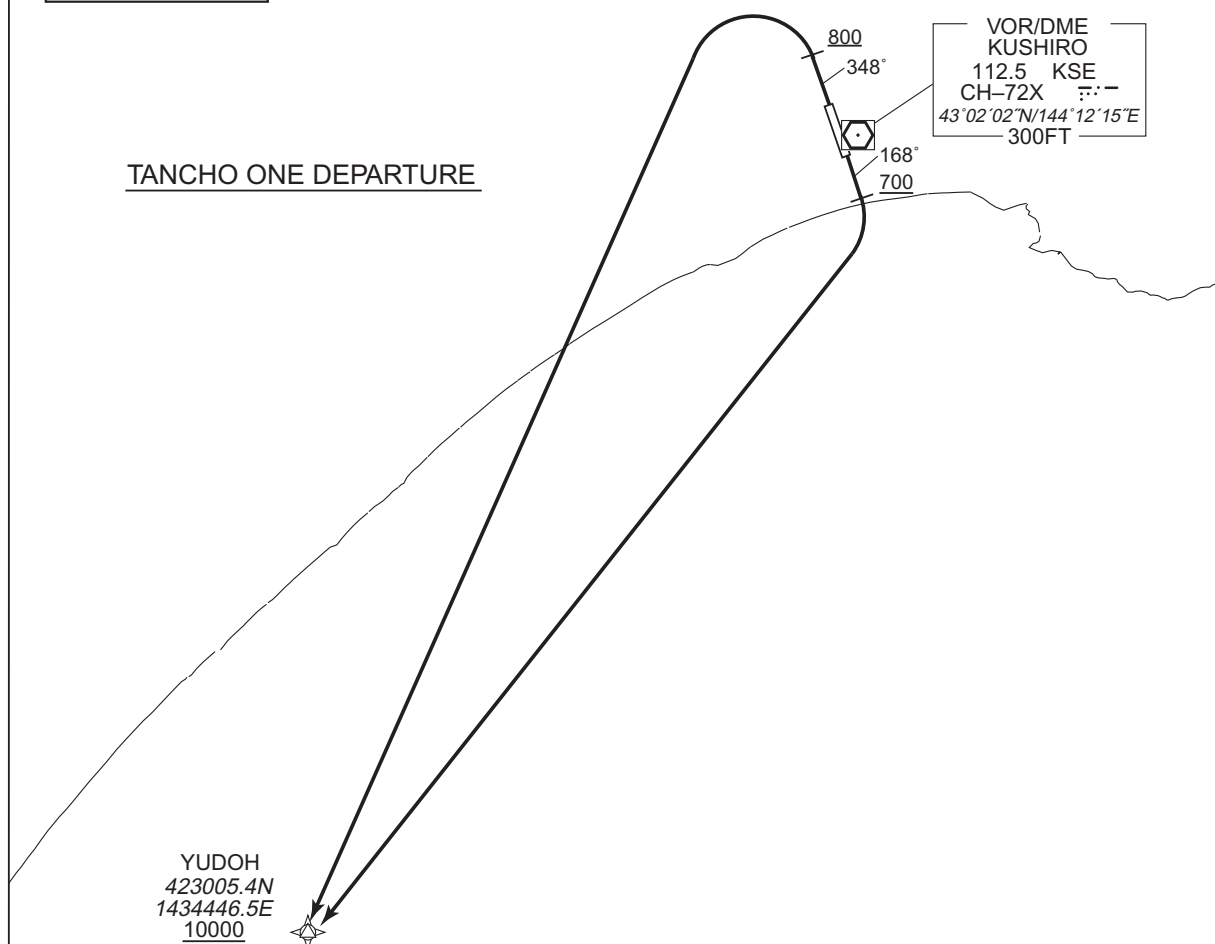
TANCHO ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 9°W (2015)

TANCHO ONE DEPARTURE



TANCHO ONE DEPARTURE

RWY17 : Climb on HDG168° at or above 700FT, turn right direct to YUDOH at or above 10000FT.

RWY35 : Climb on HDG348° at or above 800FT, turn left direct to YUDOH at or above 10000FT.

RWY17

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	—	—	168 (159.0)	-8.9	—	—	+700	—	—	Basic RNP1
002	DF	YUDOH	—	—	-8.9	—	R	+10000	—	—	Basic RNP1

RWY35

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	—	—	348 (339.0)	-8.9	—	—	+800	—	—	Basic RNP1
002	DF	YUDOH	—	—	-8.9	—	L	+10000	—	—	Basic RNP1

STANDARD DEPARTURE CHART -INSTRUMENT

RJCK / KUSHIRO

RNAV SID

ASHORO ONE DEPARTURE

Basic RNP1

Note GNSS required.

VAR 9°W (2015)

ASHORO ONE DEPARTURE



ASHORO ONE DEPARTURE

RWY17 : Climb on HDG168° at or above 700FT, turn right direct to EATAK at or above 6000FT.

RWY35 : Climb on HDG348° at or above 800FT, turn left direct to EATAK at or above 6000FT.

Note RWY17: No turn before DER.

RWY17

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	—	—	168 (159.0)	-8.9	—	—	+700	—	—	Basic RNP1
002	DF	EATAK	—	—	-8.9	—	R	+6000	—	—	Basic RNP1

RWY35

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	—	—	348 (339.0)	-8.9	—	—	+800	—	—	Basic RNP1
002	DF	EATAK	—	—	-8.9	—	L	+6000	—	—	Basic RNP1

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STANDARD ARRIVAL CHART -INSTRUMENT

RJCK / KUSHIRO

STAR

MENOK ARC ARRIVAL

From over CRANE, SHORO, KOTAN, NUPRI, via KSE 13.0DME clockwise ARC to MENOK.

Cross MENOK at or above 3600FT.



RJCK / KUSHIRO

STAR

From over AKESI, via KSE R200 to intercept and proceed via KSE 20.0DME counterclockwise ARC, via KSE R182 to KUSSY.

STANDARD ARRIVAL CHART -INSTRUMENT

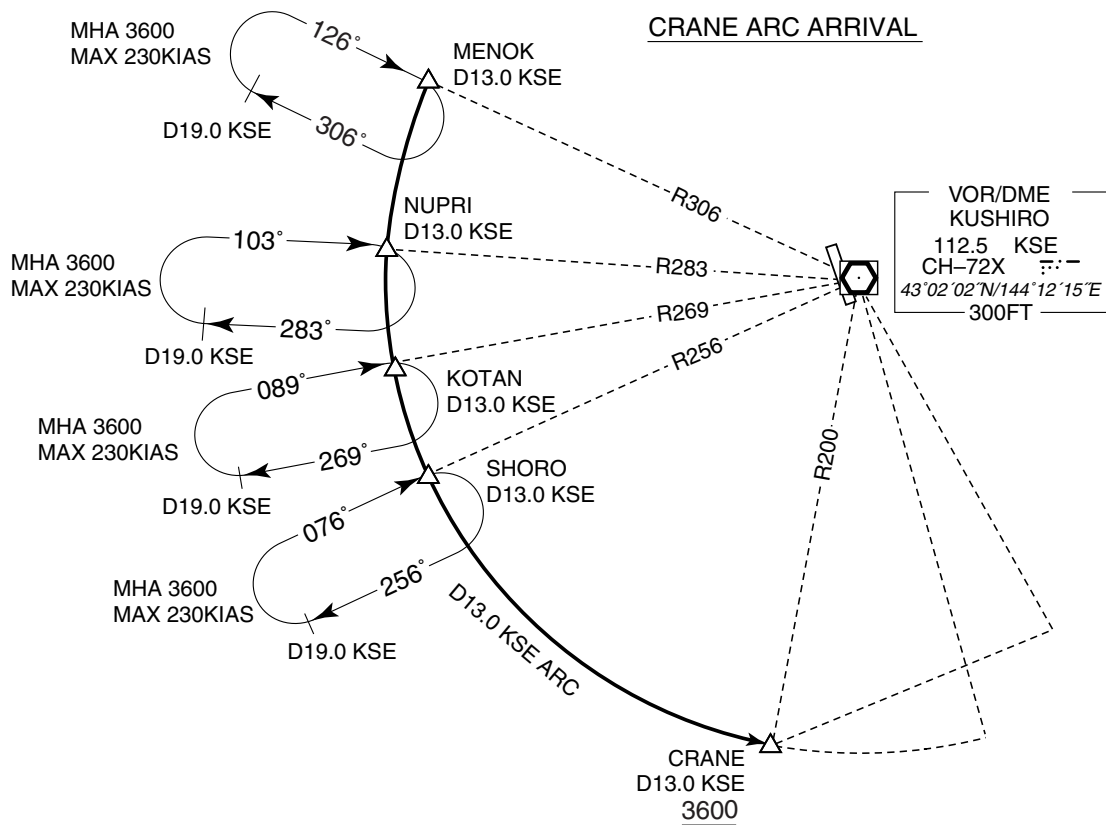
RJCK / KUSHIRO

STAR

CRANE ARC ARRIVAL

From over MENOK, NUPRI, KOTAN, SHORO, via KSE 13.0DME counterclockwise ARC to CRANE.

Cross CRANE at or above 3600FT.



STANDARD ARRIVAL CHART -INSTRUMENT

RJCK / KUSHIRO

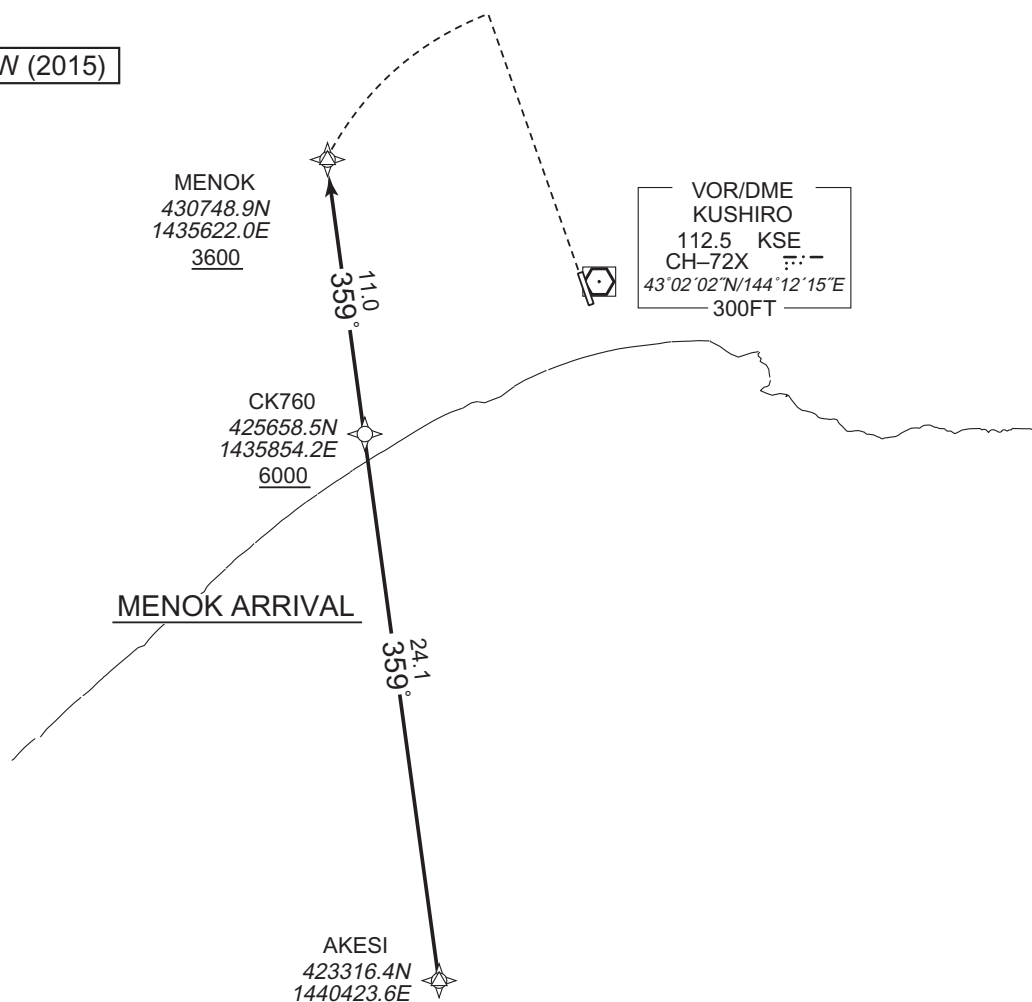
RNAV STAR RWY17

MENOK ARRIVAL

Basic RNP1

Note GNSS required.

VAR 9°W (2015)

MENOK ARRIVAL

From AKESI, to CK760 at or above 6000FT, to MENOK at or above 3600FT.

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	AKESI	—	—	-8.9	—	—	—	—	—	Basic RNP1
002	TF	CK760	—	359 (350.4)	-8.9	24.1	—	+6000	—	—	Basic RNP1
003	TF	MENOK	—	359 (350.3)	-8.9	11.0	—	+3600	—	—	Basic RNP1

STANDARD ARRIVAL CHART -INSTRUMENT

RJCK / KUSHIRO

RNAV STAR RWY17

MARNY ARRIVAL

Basic RNP1

Note GNSS required.

VAR 9°W (2015)



MARNY ARRIVAL

From CRANE, to MARNY at or above 3800FT.

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	CRANE	—	—	-8.9	—	—	—	—	—	Basic RNP1
002	TF	MARNY	—	069 (060.2)	-8.9	11.0	—	+3800	—	—	Basic RNP1

RJCK / KUSHIRO ILS or LOC RWY17 (CAT Ⅲ)



INSTRUMENT APPROACH CHART

RJCK / KUSHIRO

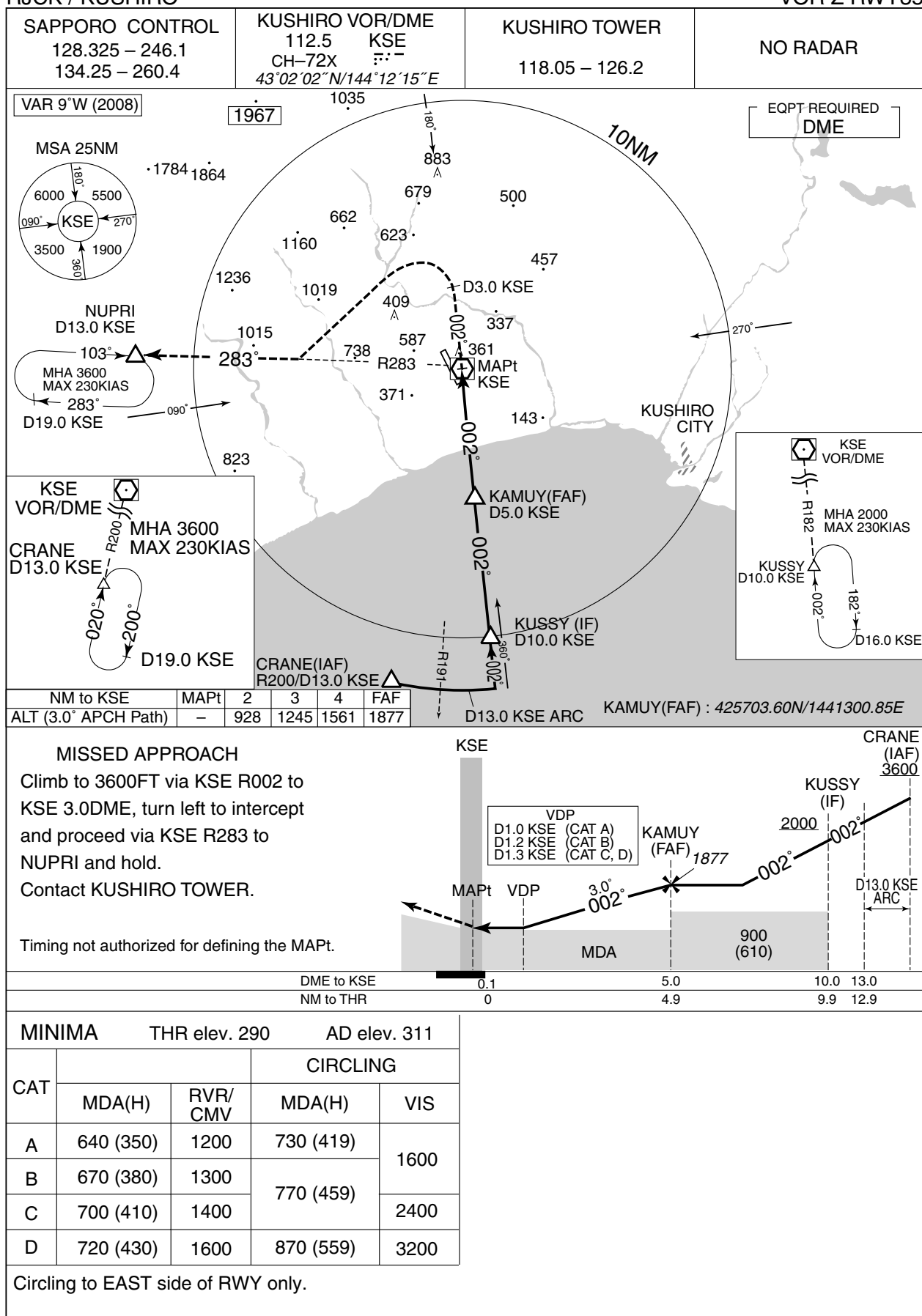
VOR RWY17



INSTRUMENT APPROACH CHART

RJCK / KUSHIRO

VOR Z RWY35



INSTRUMENT APPROACH CHART

RJCK / KUSHIRO

VOR Y RWY35



INSTRUMENT APPROACH CHART

RJCK / KUSHIRO

RNAV(RNP) Z RWY17



INSTRUMENT APPROACH CHART

RJCK / KUSHIRO

RNAV(RNP) Z RWY17

RNAV(RNP) Z RWY17Coding 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	CRANE	—	—	-8.9	—	—	+3600	—	—	—
002	TF	MARIM	—	358 (349.1)	-8.9	7.1	—	+3300	—	—	1.0
003	TF	MILKY	—	358 (349.0)	-8.9	6.0	—	3300	-165	—	1.0
004	TF	CK752	—	358 (349.0)	-8.9	1.4	—	2864	—	-3.00	0.3
005	RF Center: CKRF1 r=2.08NM	CK751	—	—	-8.9	6.2	R	901	—	-3.00	0.3
006	TF	RW17	Y	168 (159.0)	-8.9	1.6	—	378	—	-3.00/55	0.3
007	TF	CK753	—	168 (159.0)	-8.9	9.8	—	—	—	—	1.0
008	TF	CRANE	—	238 (229.0)	-8.9	7.1	—	3600	—	—	1.0

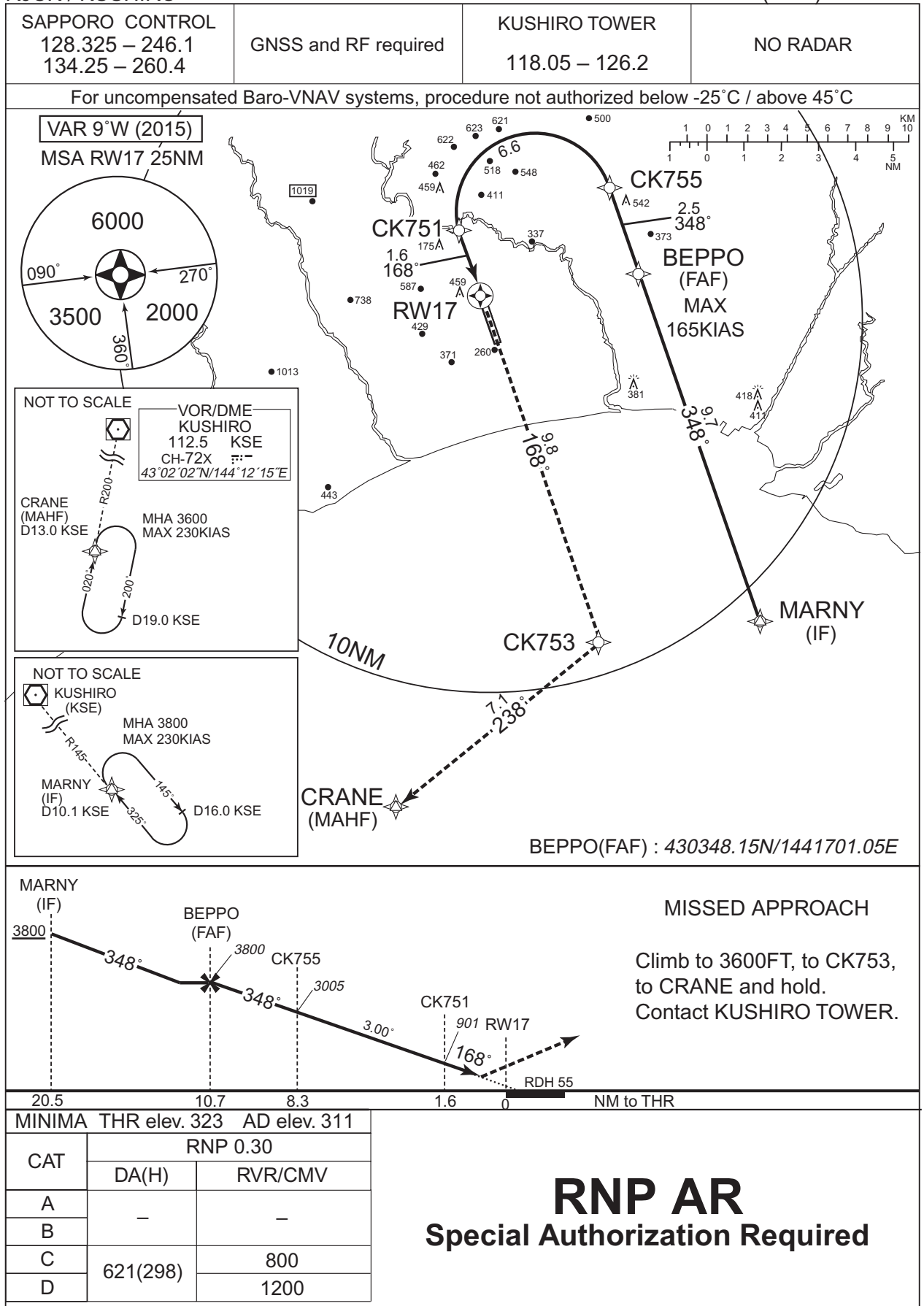
Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
CRANE	424916.84N / 1440846.59E	CKRF1	430352.65N / 1440747.87E
MARIM	425614.81N / 1440656.16E		
MILKY	430208.16N / 1440522.44E		
CK752	430328.83N / 1440501.00E		
CK751	430437.47N / 1441026.54E		
RW17	430305.30N / 1441114.92E		
CK753	425355.48N / 1441602.58E		

INSTRUMENT APPROACH CHART

RJCK / KUSHIRO

RNAV(RNP) Y RWY17



INSTRUMENT APPROACH CHART

RJCK / KUSHIRO

RNAV(RNP) Y RWY17

RNAV(RNP) Y RWY17Coding 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	MARNY	—	—	-8.9	—	—	+3800	—	—	—
002	TF	BEPP0	—	348 (339.1)	-8.9	9.7	—	3800	-165	—	1.0
003	TF	CK755	—	348 (339.1)	-8.9	2.5	—	3005	—	-3.00	0.3
004	RF Center: CKRF2 r=2.10NM	CK751	—	—	-8.9	6.6	L	901	—	-3.00	0.3
005	TF	RW17	Y	168 (159.0)	-8.9	1.6	—	378	—	-3.00/55	0.3
006	TF	CK753	—	168 (159.0)	-8.9	9.8	—	—	—	—	1.0
007	TF	CRANE	—	238 (229.0)	-8.9	7.1	—	3600	—	—	1.0

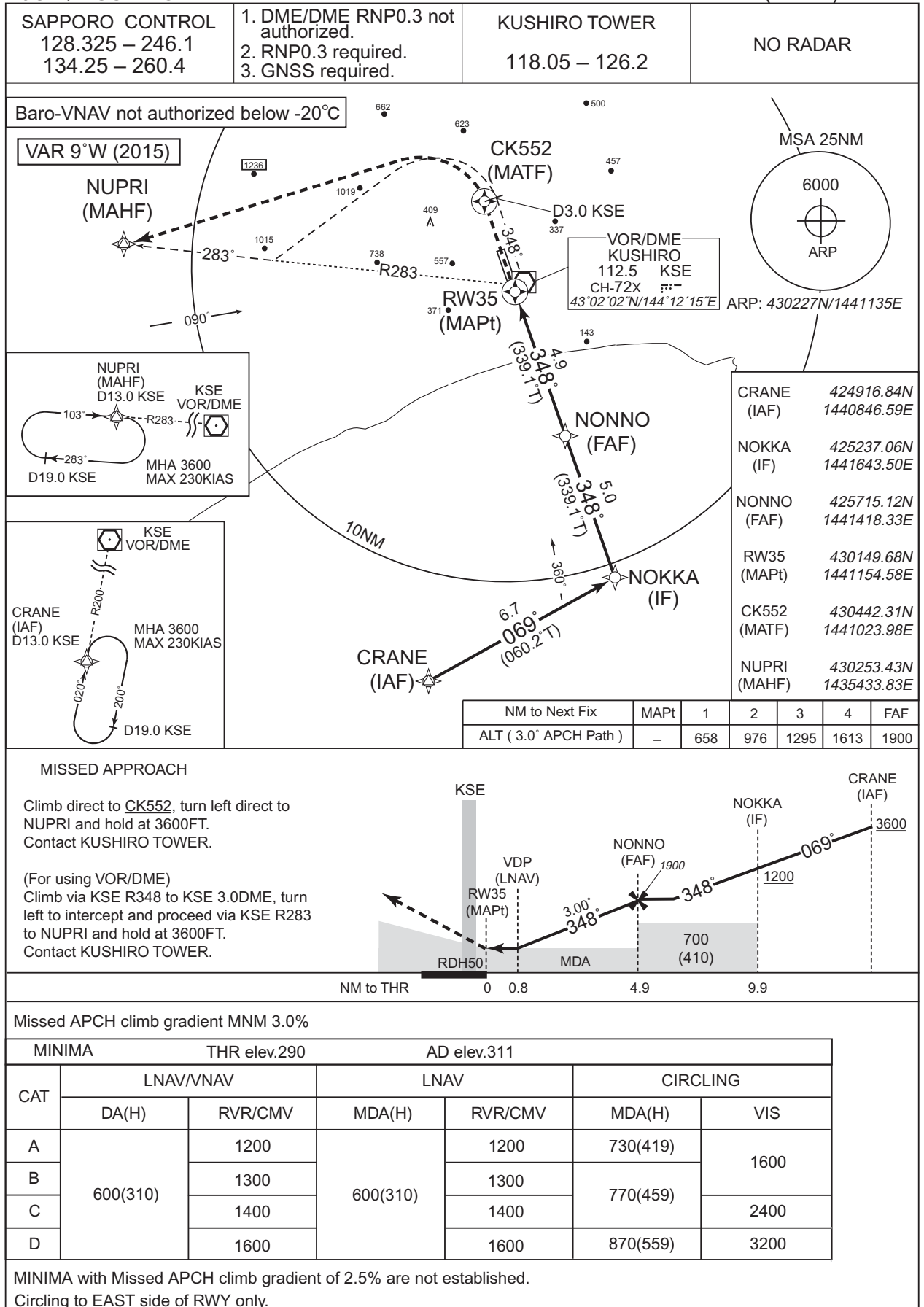
Waypoint Coordinates

Waypoint Identifier	Coordinates	RF Arc Center Identifier	Coordinates
MARNY	425443.27N / 1442145.22E	CKRF2	430522.76N / 1441307.17E
BEPP0	430348.15N / 1441701.05E		
CK755	430607.99N / 1441547.87E		
CK751	430437.47N / 1441026.54E		
RW17	430305.30N / 1441114.92E		
CK753	425355.48N / 1441602.58E		
CRANE	424916.84N / 1440846.59E		

INSTRUMENT APPROACH CHART

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RNAV(GNSS) RWY35



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Visual REP



※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

Call sign	BRG / DIST from ARP	Remarks
北斗 Hokuto	080°T / 4.6NM	T字路交差点 Intersection
大楽毛 Otanoshike	113°T / 4.2NM	製紙工場煙突群 Chimneys
釧路ステーション Kushiro Station	110°T / 8.8NM	JR駅 Station
西庶路 Nishisyoro	215°T / 4.7NM	JR駅 Station
白糖 Shiranuka	225°T / 7.2NM	JR駅 Station

CHANGE : Map updated. BRG/DIST from ARP.

RJCK / KUSHIRO

Minimum Vectoring Altitude CHART

VAR 9°W (2007)

