

STANDARD DEPARTURE CHART-INSTRUMENT

RJTL / SHIMOFUSA

SID

UTSUNOMIYA ONE DEPARTURE

RWY01 : Climb RWY HDG to SHT 2.0DME, ...

RWY19 : Climb RWY HDG to SHT 2.5DME, turn left HDG 331° to intercept and proceed...  
...via SHT R016 to GAMAR, turn left ,via JDT R161 to JDT TACAN.

Cross GAMAR at or above 5000FT.

Note RWY01 : 5.0% climb gradient required up to 600FT.

OBST ALT 251FT located at 1.56NM 020° FM end of RWY01.

RWY19 : 5.0% climb gradient required up to 700FT.

OBST ALT 314FT located at 1.67NM 161° FM end of RWY19.

CHANGE: New PROC.



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WEST FIVE DEPARTURE

RWY01 : Climb RWY HDG to 2000FT, turn left HDG 252° to intercept and proceed via SHT R297 to OMIYA.

RWY19 : Climb RWY HDG to SHT 2.5DME, turn left proceed to SHT TACAN, via SHT R297 to OMIYA.

Cross SHT TACAN at or above 2000FT.

Note RWY01 : 5.0% climb gradient required up to 2000FT.

RWY19 : 5.0% climb gradient required up to 700FT.

OBST ALT 314FT located at 1.67NM 161° FM end of RWY19.

WEST FIVE DEPARTURE

CHANGE: PROC renamed. DME FM RWY19(D2.4 SHT→D2.5 SHT). Note RWY19(OBST). SHT COORD.

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TSUGA FOUR DEPARTURE

RWY01 : Climb RWY HDG to SHT 2.0DME, turn right HDG 200° ...

RWY19 : Climb RWY HDG to 600FT, turn left...

...to intercept and proceed via SHT R155 to TSUGA.

Cross TSUGA at or above 3000FT.

Note RWY01 : 5.0% climb gradient required up to 600FT.

OBST ALT 251FT located at 1.56NM 020° FM end of RWY01.

RWY19 : 5.0% climb gradient required up to 600FT.

TSUGA FOUR DEPARTURE

CHANGE: PROC renamed. SHT COORD.



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KOGAR TWO DEPARTURE

RWY01 : Climb RWY HDG to SHT 2.0DME, ...

RWY19 : Climb RWY HDG to SHT 2.5DME, turn left HDG 331° to intercept and proceed...  
...via SHT R016 to 24.6DME, turn left, via SHT 24.6DME counterclockwise ARC  
to KOGAR.

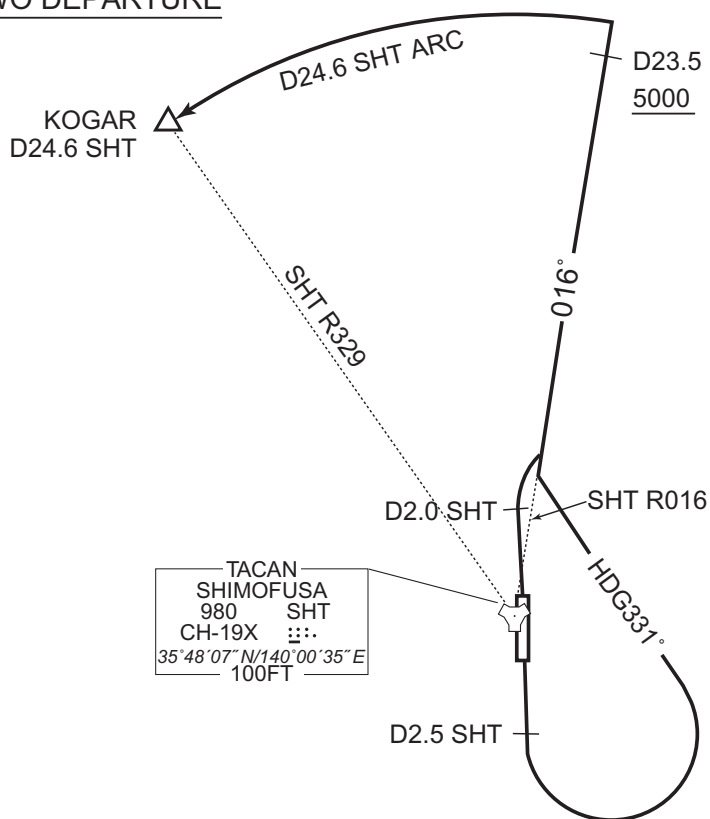
Cross SHT R016/23.5DME at or above 5000FT.

Note RWY01 : 5.0% climb gradient required up to 600FT.

OBST ALT 251FT located at 1.56NM 020° FM end of RWY01.

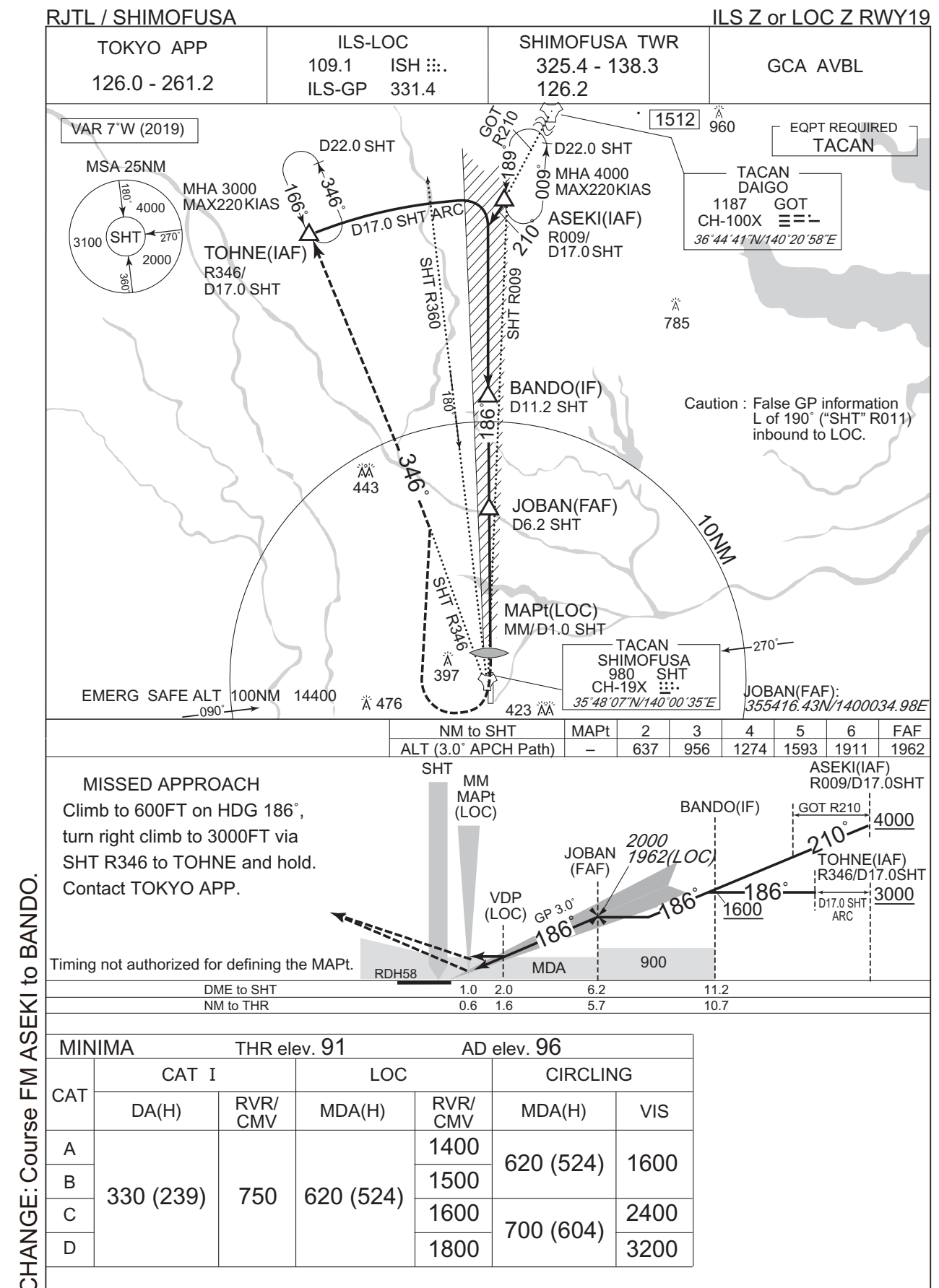
RWY19 : 5.0% climb gradient required up to 700FT.

OBST ALT 314FT located at 1.67NM 161° FM end of RWY19.

KOGAR TWO DEPARTURE

CHANGE: PROC renamed. DME FM RWY19(D2.4 SHT→D2.5 SHT). Radial FM SHT(KOGAR). Note RWY19(OBST). SHT COORD.

## INSTRUMENT APPROACH CHART



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ILS Y or LOC Y RWY19



NM to SHT	MAPt	2	3	4	5	6	FAF
ALT (3.0° APCH Path)	-	637	956	1274	1593	1911	1962

**MISSED APPROACH**  
Climb to 600FT on HDG 186°,  
turn left climb to 1700FT via  
SHT R155 to TSUGA and hold.  
Contact TOKYO APP.

Timing not authorized for defining the MAPt.

DME to SHT	1.0	2.0	6.2	11.2
NM to THR	0.6	1.6	5.7	10.7

MINIMA		THR elev. 91		AD elev. 96		
CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	330 (239)	750	620 (524)	1400	620 (524)	1600
B				1500		
C				1600	700 (604)	2400
D				1800		

CHANGE: Course FM ASEKI to BANDO.

CHANGE: VAR. IAF(TUKBA→ASEKI). FAF(TEGAR→USIKU). MINIMA. AD elev. SHT COORD. ALT(3.0° APCH Path).

RJTL / SHIMOFUSA

TOKYO APP	SHIMOFUSA TACAN	SHIMOFUSA TWR	TACAN RWY19
126.0 - 261.2	980 SHT CH-19X 35°48'07"N / 140°00'35"E	325.4 - 138.3 126.2	GCA AVBL

VAR 7°W (2019)

MSA 25NM

MHA 3000  
MAX220 KIAS

TOHNE(IAF)  
R346/  
D17.0 SHT

D22.0 SHT

D17.0 SHT ARC

SHT R003

189°

D22.0 SHT

MHA 4000  
MAX220 KIAS

ASEKI(IF)  
R009/  
D17.0 SHT

785

USIKU(FAF)  
D7.0 SHT

10NM

EMERG SAFE ALT 100NM 14400

MAPt

TACAN  
SHIMOFUSA  
980 SHT  
CH-19X  
35°48'07"N/140°00'35"E

USIKU(FAF):  
355507.56N/1400051.20E

NM to SHT	MAPt	2	3	4	5	6	FAF
ALT (3.0° APCH Path)	—	637	955	1274	1592	1911	2232

MISSED APPROACH

Climb to 600FT via SHT R189,  
turn right climb to 3000FT via  
SHT R346 to TOHNE and hold.  
Contact TOKYO APP.

Timing not authorized for defining the MAPt.

ASEKI(IF)  
R009/D17.0SHT

4000

TOHNE(IAF)  
R346/D17.0SHT

3000

USIKU (FAF) 2232

799

SDF

VDP

MAPt

MDA 620

1100

1500

D17.0 SHT ARC

DME to SHT	NM to THR
0	1.2
1.6	2.1
2.5	6.6
7.0	16.6
17.0	

MINIMA	THR elev. 91	AD elev. 96	
CAT	MDA(H)	RVR/ CMV	
A	500 (404)	1200	
B		1300	
C		1400	
D		1600	
CIRCLING		MDA(H)	VIS
		580 (484)	1600
		700 (604)	2400
			3200

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