STANDARD DEPARTURE CHART - INSTRUMENT

RJNH / HAMAMATSU SID

SAGRA FIVE DEPARTURE

RWY09 : Climb RWY HDG to LHT 3.4DME(3.0NM fm DER), turn right
HDG205°...

RWY27 : Climb RWY HDG to LHT 4.0DME(3.0NM fm DER), turn left
HDG115°...

...to intercept and proceed via LHT R160, via YZT R225,
then turn right to proceed via XAC R279 to SAGRA.
Cross LHT R160/10.0DME at or below 6000FT,
cross YZT R225/20.0DME (LHT R133) at assigned altitude.
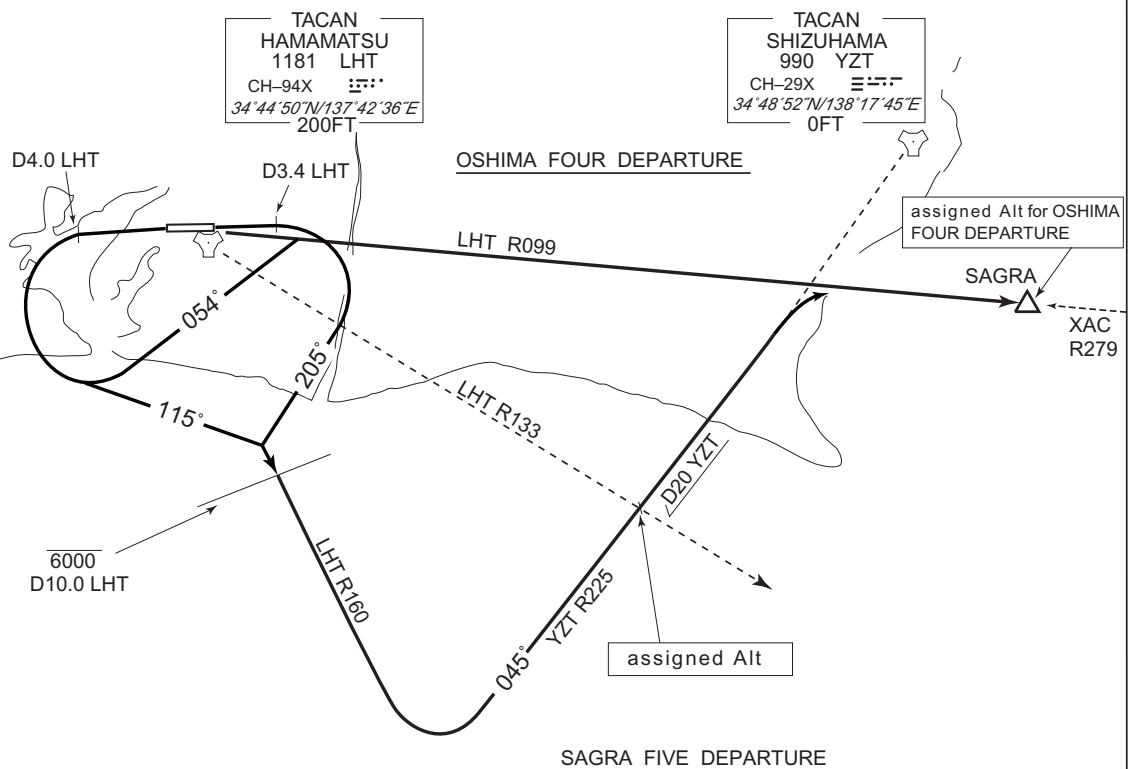
OSHIMA FOUR DEPARTURE

RWY09 : Climb...

RWY27 : Climb RWY HDG to LHT 4.0DME(3.0NM fm DER), turn left HDG054° to
intercept and proceed...

...via LHT R099 to SAGRA.
Cross SAGRA at assigned altitude.

CHANGE : PROC name, PROC course(SAGRA FIVE DEPARTURE, OSHIMA FOUR DEPARTURE). Note deleted(SAGRA FIVE DEPARTURE, OSHIMA FOUR DEPARTURE).

TACAN
HAMAMATSU
1181   LHT
CH–94X
34°44´50˝N/137°42´36˝E
200FT

TACAN
SHIZUHAMA
990   YZT
CH–29X
34°48´52˝N/138°17´45˝E
0FT

OSHIMA FOUR DEPARTURE

D4.0 LHT
D3.4 LHT

LHT R099

assigned Alt for OSHIMA
FOUR DEPARTURE

SAGRA

XAC
R279

054°
205°
115°

LHT R133

LHT R160

D20 YZT

045° YZT R225

6000
D10.0 LHT

assigned Alt

SAGRA FIVE DEPARTURE

STANDARD DEPARTURE CHART - INSTRUMENT

RJNH / HAMAMATSU   SID
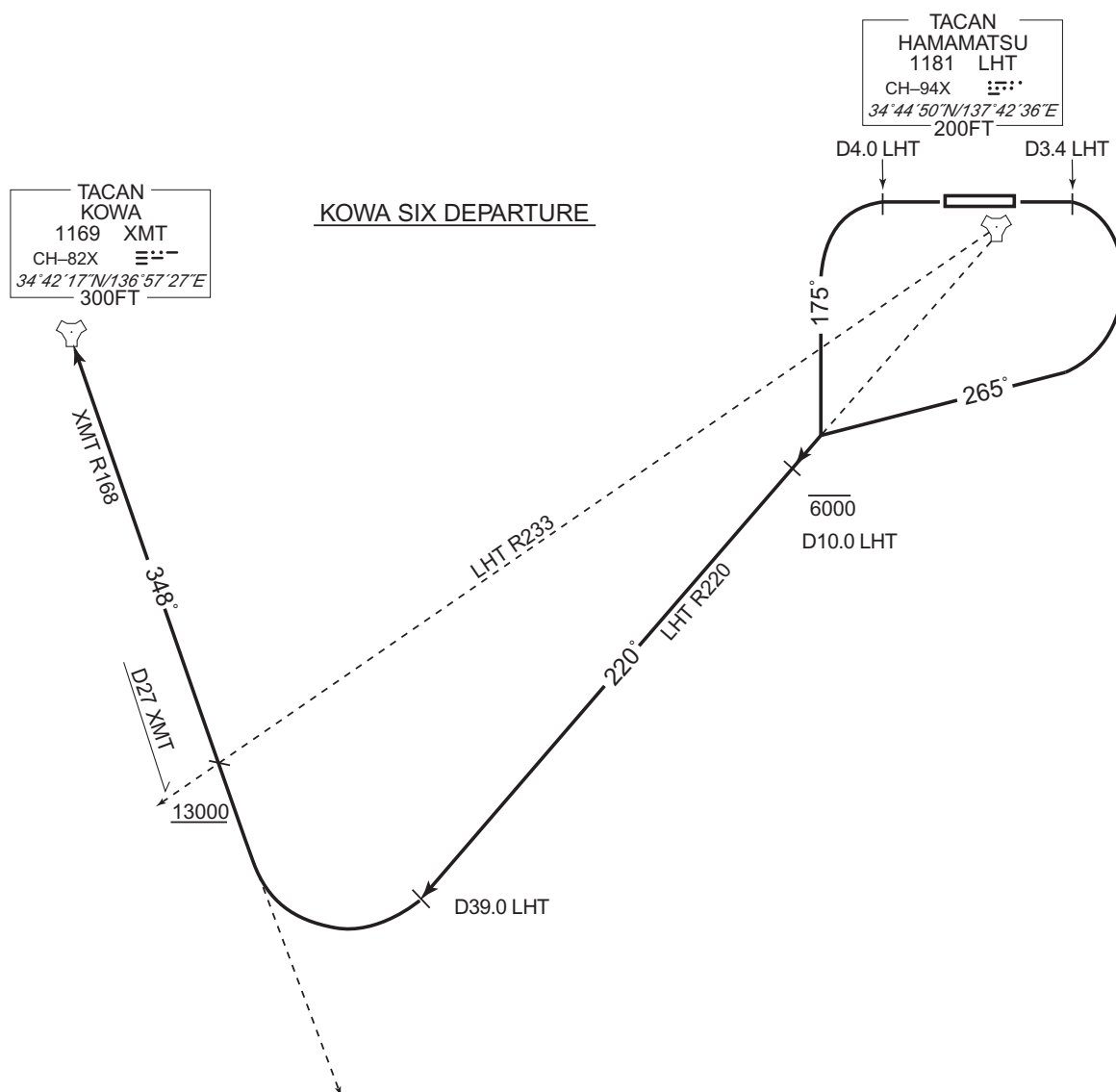
KOWA SIX DEPARTURE

RWY09 : Climb RWY HDG to LHT 3.4DME(3.0NM fm DER), turn right
HDG265° to intercept and proceed...

RWY27 : Climb RWY HDG to LHT 4.0DME(3.0NM fm DER), turn left
HDG175° to intercept and proceed...

...via LHT R220 to LHT 39.0DME, then turn right to intercept and proceed via
XMT R168 to XMT TACAN.

Cross LHT R220/10.0DME at or below 6000FT,
cross XMT R168/27.0DME(LHT R233) at or above 13000FT.

CHANGE : PROC renamed. PROC course. Note deleted.

STANDARD DEPARTURE CHART - INSTRUMENT

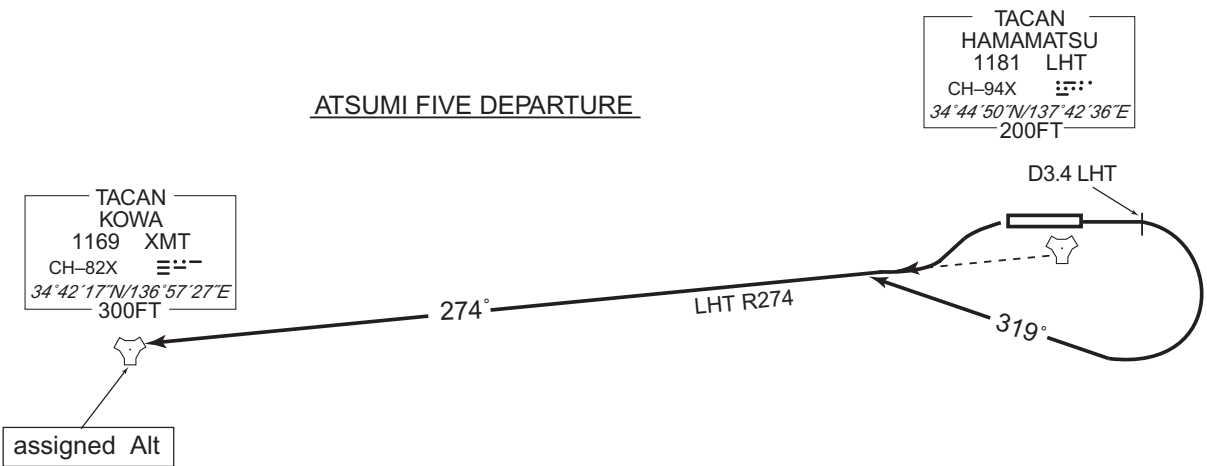RJNH / HAMAMATSU   SID

ATSUMI FIVE DEPARTURE

RWY09 : Climb RWY HDG to LHT 3.4DME(3.0NM fm DER), turn right HDG319°
                to intercept and proceed...

RWY27 : Climb ...

            ...via LHT R274 to XMT TACAN.
            Cross XMT TACAN at assigned altitude.

CHANGE : PROC renamed. PROC course. Note deleted.

ATSUMI FIVE DEPARTURE

```
                                    TACAN
                                  HAMAMATSU
                                   1181   LHT
                                  CH–94X  ⠿⠿
                              34°44´50´´N/137°42´36´´E
                                    200FT
```

D3.4 LHT

```
         TACAN
          KOWA
        1169   XMT
       CH–82X  ⠿⠿
   34°42´17´´N/136°57´27´´E
         300FT
```

274°   LHT R274

319°

assigned Alt

STANDARD DEPARTURE CHART - INSTRUMENT

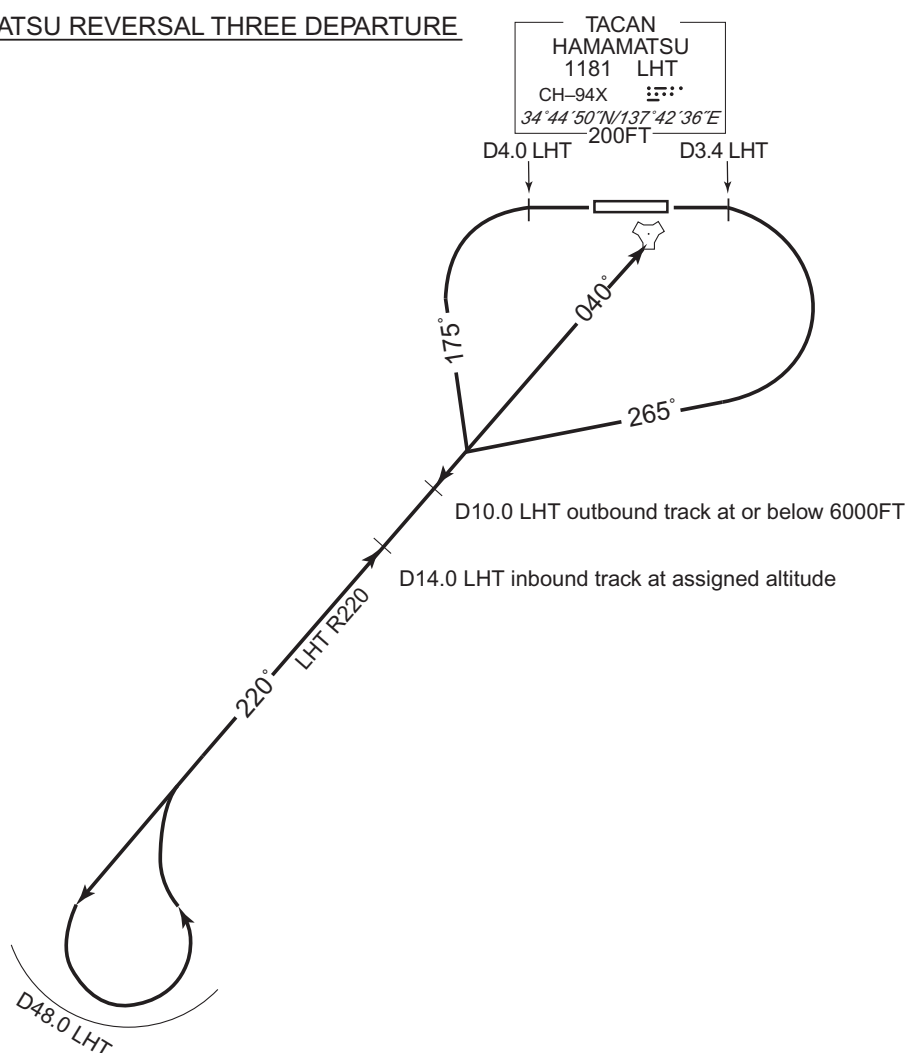RJNH / HAMAMATSU
SID

HAMAMATSU REVERSAL THREE DEPARTURE
RWY09 : Climb RWY HDG to LHT 3.4DME(3.0NM fm DER), turn right
HDG265° to intercept and proceed...
RWY27 : Climb RWY HDG to LHT 4.0DME(3.0NM fm DER), turn left
HDG175° to intercept and proceed...

...via LHT R220, then turn left within LHT 48.0DME, reverse course to LHT
TACAN.
Cross LHT R220/10.0DME outbound track at or below 6000FT.
Cross LHT R220/14.0DME inbound track at assigned altitude.

HAMAMATSU REVERSAL THREE DEPARTURE

TACAN
HAMAMATSU
1181   LHT
CH–94X
34°44'50"N/137°42'36"E
200FT
D4.0 LHT   D3.4 LHT

175°   040°

265°

D10.0 LHT outbound track at or below 6000FT

D14.0 LHT inbound track at assigned altitude

220°   LHT R220

D48.0 LHT

CHANGE : PROC renamed. PROC course. Note deleted.

INSTRUMENT APPROACH CHART
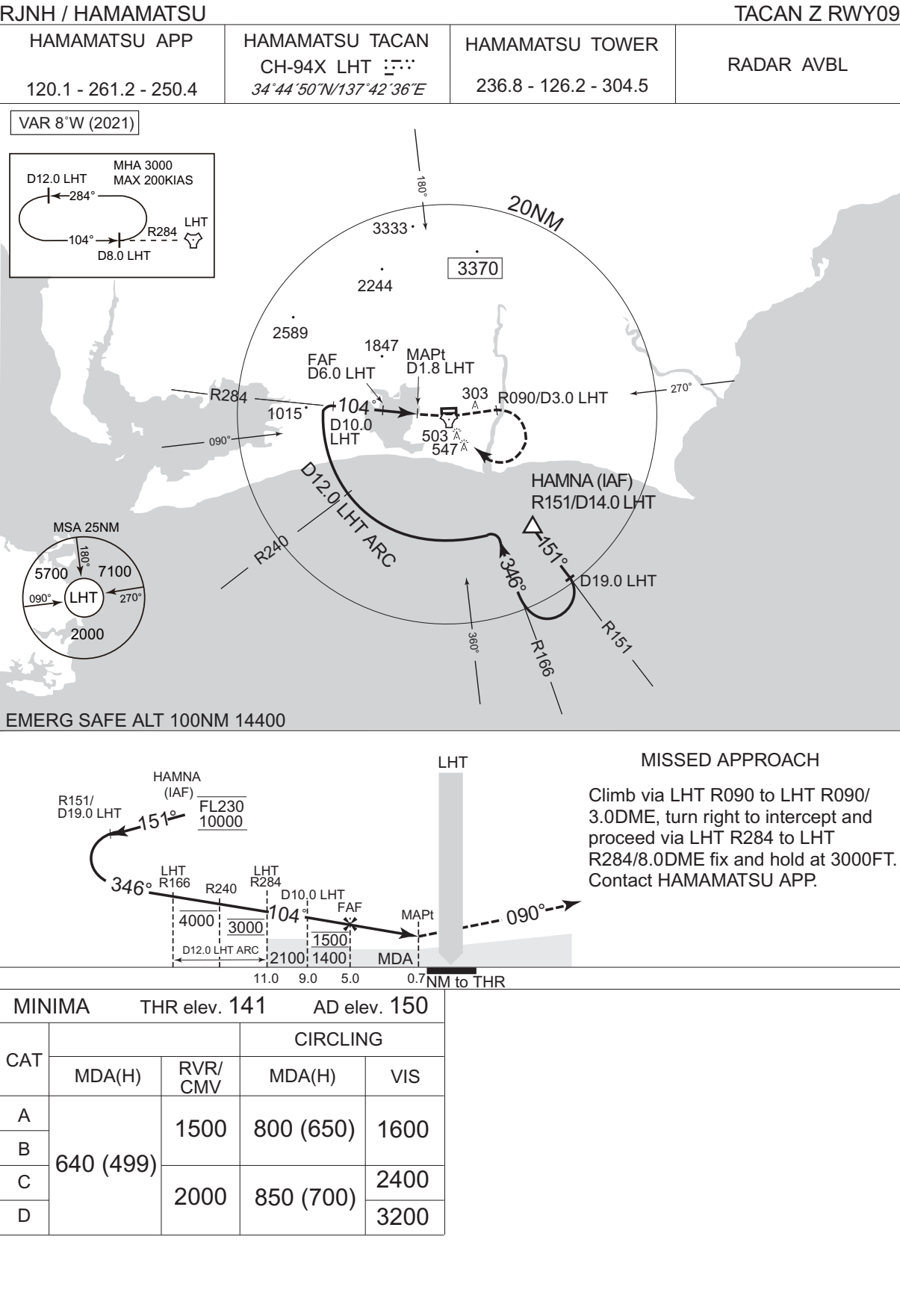
RJNH / HAMAMATSU   TACAN Z RWY09

HAMAMATSU APP 120.1 - 261.2 - 250.4	HAMAMATSU TACAN CH-94X LHT ⠑⠂⠂ *34°44´50˝N/137°42´36˝E*	HAMAMATSU TOWER 236.8 - 126.2 - 304.5	RADAR AVBL

VAR 8°W (2021)

MHA 3000
MAX 200KIAS
D12.0 LHT
←284°→
104°→ R284 LHT
D8.0 LHT

180°
3333
3370
2244
2589
1847
FAF
D6.0 LHT
MAPt
D1.8 LHT
303
R090/D3.0 LHT
270°
R284
1015
104°
D10.0 LHT
503
547
HAMNA (IAF)
R151/D14.0 LHT
090°
D12.0 LHT ARC
R240
346°
D19.0 LHT
R151
MSA 25NM
5700 7100
180°
090° LHT 270°
2000
360°
R166
20NM

EMERG SAFE ALT 100NM 14400

HAMNA
(IAF)
R151/
D19.0 LHT
151°
FL230
10000
346°
LHT
R166 R240
4000 3000
LHT
R284
104°
D10.0 LHT
FAF
MAPt
090°→
D12.0 LHT ARC
2100 1400
1500
MDA
11.0 9.0 5.0
0.7 NM to THR

LHT
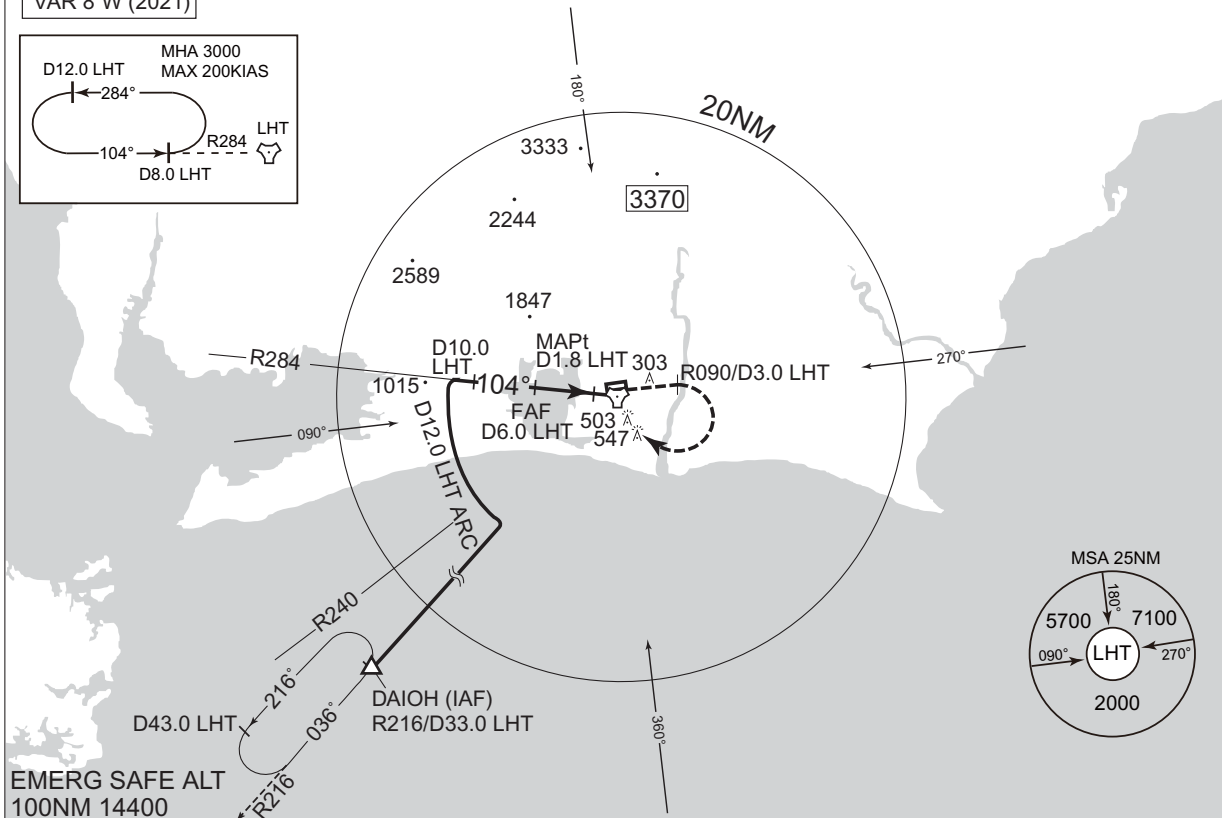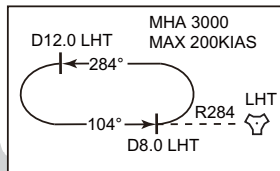
MISSED APPROACH

Climb via LHT R090 to LHT R090/
3.0DME, turn right to intercept and
proceed via LHT R284 to LHT
R284/8.0DME fix and hold at 3000FT.
Contact HAMAMATSU APP.

MINIMA   THR elev. 141   AD elev. 150

CAT	MDA(H)	RVR/CMV	CIRCLING	
			MDA(H)	VIS
A	640 (499)	1500	800 (650)	1600
B				
C		2000	850 (700)	2400
D				3200
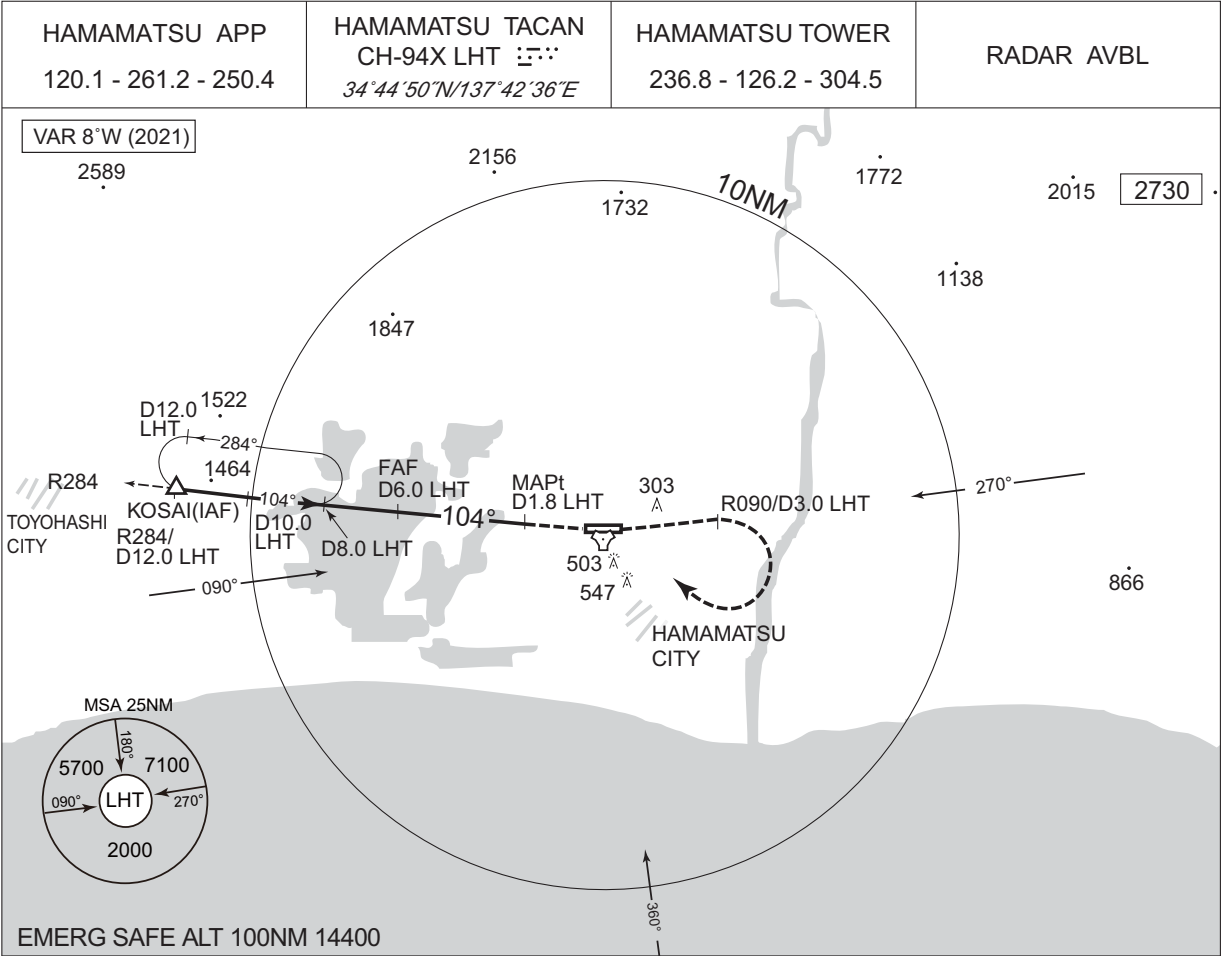
(left margin, rotated) CHANGE : MDA(H) for circling. OBST(HGT 503, 547).

INSTRUMENT APPROACH CHART

RJNH / HAMAMATSU

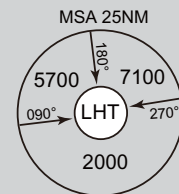TACAN Y RWY09

HAMAMATSU APP 120.1 - 261.2 - 250.4	HAMAMATSU TACAN CH-94X LHT ⣀⣀ 34°44´50˝N/137°42´36˝E	HAMAMATSU TOWER 236.8 - 126.2 - 304.5	RADAR AVBL

VAR 8°W (2021)

MHA 3000
MAX 200KIAS
D12.0 LHT
284°
104° R284 LHT
D8.0 LHT

180°
3333
20NM
3370
2244
2589
1847
R284
D10.0 LHT
1015 104°
MAPt
D1.8 LHT 303
R090/D3.0 LHT
270°
090°
FAF
D6.0 LHT
503
547
D12.0 LHT ARC
R240
216°
036°
DAIOH (IAF)
R216/D33.0 LHT
D43.0 LHT
R216
360°

MSA 25NM
180°
5700 7100
090° LHT 270°
2000

EMERG SAFE ALT
100NM 14400

LHT

MISSED APPROACH

Climb via LHT R090 to LHT R090/3.0DME, turn right to intercept and proceed via LHT R284 to LHT R284/8.0DME fix and hold at 3000FT. Contact HAMAMATSU APP.

DAIOH
(IAF)
FL140
10000
036°
LHT
R216
R240
4000
3000
LHT
R284
D10.0
LHT
104°
FAF
1500
MAPt
090°
D12.0 LHT ARC
2100
1400
MDA
11.0   9.0   5.0   0.7NM to THR

CHANGE : MDA(H) for circling. OBST(HGT 503, 547).

MINIMA   THR elev. 141   AD elev. 150

CAT	MDA(H)	RVR/CMV	CIRCLING	
			MDA(H)	VIS
A	640 (499)	1500	800 (650)	1600
B				
C		2000	850 (700)	2400
D				3200

INSTRUMENT APPROACH CHART

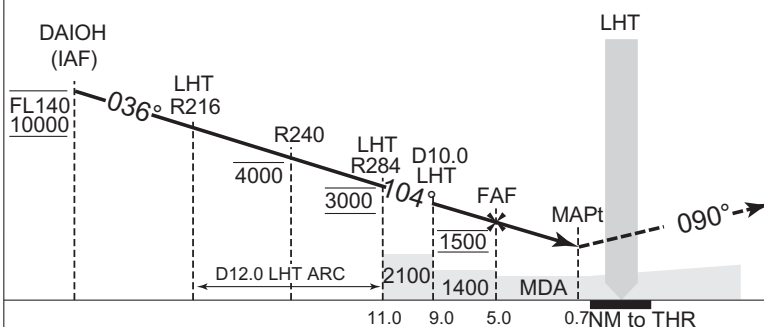| RJNH / HAMAMATSU			TACAN X RWY09
HAMAMATSU APP 120.1 - 261.2 - 250.4	HAMAMATSU TACAN CH-94X LHT ⠤⠤ *34°44'50"N/137°42'36"E*	HAMAMATSU TOWER 236.8 - 126.2 - 304.5	RADAR AVBL

VAR 8°W (2021)

2589

2156

10NM

1772

2015   2730

1732

1138

1847

D12.0 LHT   1522

284°

1464

R284

KOSAI(IAF)   104°

TOYOHASHI CITY

R284/ D12.0 LHT

D10.0 LHT

FAF D6.0 LHT

104°

MAPt D1.8 LHT

303

R090/D3.0 LHT

270°

D8.0 LHT

503

090°

547

866

HAMAMATSU CITY

360°

MSA 25NM

5700 | 7100

180°

090°   LHT   270°

2000

EMERG SAFE ALT 100NM 14400

CHANGE : MDA(H) for circling. OBST(HGT 503, 547).

LHT

MISSED APPROACH

KOSAI (IAF)

5000
3000

D10.0 LHT

104° FAF

2100

1400

1500

MDA

MAPt

090°

Climb via LHT R090 to LHT R090/ 3.0DME, turn right to intercept and proceed via LHT R284 to LHT R284/8.0DME fix and hold at 3000FT. Contact HAMAMATSU APP.

| 11.0 | 9.0 | | 5.0 | | 0.7 | NM to THR |

MINIMA	THR elev. 141	AD elev. 150		
			CIRCLING	
CAT	MDA(H)	RVR/CMV	MDA(H)	VIS
A		1500	800 (650)	1600
B	640 (499)			
C		2000	850 (700)	2400
D				3200

INSTRUMENT APPROACH CHART

RJNH / HAMAMATSU

TACAN Z RWY27

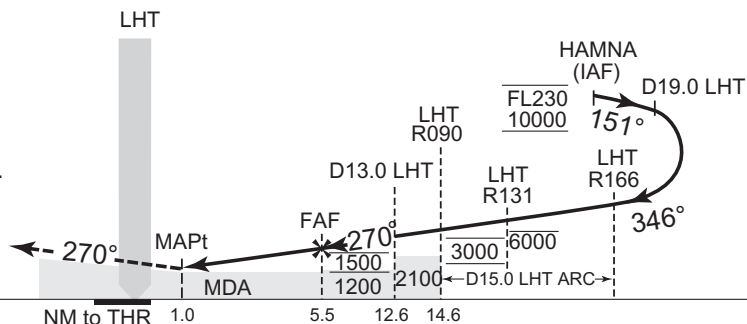| HAMAMATSU APP 120.1 - 261.2 - 250.4	HAMAMATSU TACAN CH-94X LHT *34°44′50″N/137°42′36″E*	HAMAMATSU TOWER 126.2 - 236.8 - 304.5	RADAR AVBL

VAR 8°W (2021)

EMERG SAFE ALT 100NM 14400

MISSED APPROACH

Climb via LHT R270 to LHT R270/
3.0DME, turn left to intercept and
proceed via LHT R090 to LHT
R090/9.0DME fix and hold at 3000FT.
Contact HAMAMATSU APP.

CHANGE : MDA(H) for circling. OBST(HGT 503, 547).

MINIMA		THR elev. 148		AD elev. 150	
CAT	MDA(H)	RVR/CMV	CIRCLING		
			MDA(H)	VIS	
A	560 (410)	1500	800 (650)	1600	
B					
C		2000	850 (700)	2400	
D				3200	

INSTRUMENT APPROACH CHART

RJNH / HAMAMATSU

TACAN Y RWY27

HAMAMATSU APP	HAMAMATSU TACAN	HAMAMATSU TOWER	RADAR AVBL
120.1 - 261.2 - 250.4	CH-94X LHT ·–·· 34°44′50″N/137°42′36″E	236.8 - 126.2 - 304.5	

VAR 8°W (2021)

MHA 3000
MAX 200KIAS

D13.0 LHT
090°
LHT R090
270°
D9.0 LHT

20NM
180°
3333 ·
3370
2244 ·
2589 ·
1847 ·

MAPt
D1.3 LHT 303
R270/D3.0 LHT
503
547
R131
270°
D13.0 LHT
270°
FAF
D6.0 LHT

D15.0/LHT ARC

D15.0 LHT
036°
216°
036°
D43.0 LHT
R216
DAIOH(IAF)
R216/D33.0 LHT

360°

MSA 25NM
180°
5700 | 7100
090° LHT 270°
2000

EMERG SAFE ALT
100NM 14400

MISSED APPROACH

Climb via LHT R270 to LHT R270
/3.0DME, turn left to intercept and
proceed via LHT R090 to LHT
R090/9.0DME fix and hold at
3000FT.
Contact HAMAMATSU APP.

LHT

DAIOH
(IAF)
LHT
R216
036°
FL140
10000
LHT
R090 LHT
R131
D13.0
LHT
6000
3000
270°
FAF
270°
MAPt
1500
2100
MDA 1200
D15.0 LHT ARC

NM to THR | 1.0 | 5.5 | 12.6 | 14.6

CHANGE : MDA(H) for circling. OBST(HGT 503, 547).

MINIMA	THR elev. 148		AD elev. 150	
CAT	MDA(H)	RVR/CMV	CIRCLING	
			MDA(H)	VIS
A	560 (410)	1500	800 (650)	1600
B				
C		2000	850 (700)	2400
D				3200

INSTRUMENT APPROACH CHART

RJNH / HAMAMATSU

TACAN X RWY27

HAMAMATSU APP 120.1 - 261.2 - 250.4	HAMAMATSU TACAN CH-94X LHT *34°44′50″N/137°42′36″E*	HAMAMATSU TOWER 236.8 - 126.2 - 304.5	RADAR AVBL

VAR 8°W (2021)

2156
1772
2015
2730

2589
1732
1138

1847
1746

10NM
180°

TOYOHASHI CITY

D13.0 LHT
090°
R090

303
270°
270°
R090/D13.0 LHT

R270/D3.0 LHT
270°
IWATA(IAF)

503
MAPt
D1.3 LHT
FAF
D6.0 LHT
D9.0 LHT

090°
547
866

HAMAMATSU CITY

MSA 25NM

5700 | 7100
180°
090° | LHT | 270°
2000

360°

EMERG SAFE ALT 100NM 14400

MISSED APPROACH

Climb via LHT R270 to LHT R270/3.0DME, turn left to intercept and proceed via LHT R090 to LHT R090/9.0DME fix and hold at 3000FT. Contact HAMAMATSU APP.

LHT

IWATA (IAF)
6000
3000

FAF
270°
1500

270°
MAPt

1200

MDA

NM to THR   1.0   5.5   12.6

CHANGE : MDA(H) for circling. OBST(HGT 503, 547).

MINIMA	THR elev. 148		AD elev. 150	
CAT	MDA(H)	RVR/CMV	CIRCLING	
			MDA(H)	VIS
A	560 (410)	1500	800 (650)	1600
B				
C		2000	850 (700)	2400
D				3200