AD 2 AERODROMES

RJFZ AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJFZ - TSUIKI

RJFZ AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	*334106N/1310225E*
2	Direction and distance from (city)	9.7NM NW of NAKATSU
3	Elevation/ Reference temperature	28ft / Nil
4	Geoid undulation at AD ELEV PSN	Nil
5	MAG VAR/ Annual change	Nil
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	JSDF-A
7	Types of traffic permitted(IFR/ VFR)	IFR/VFR
8	Remarks	Nil

RJFZ AD 2.3 OPERATIONAL HOURS

1	AD Administration	H24
2	Customs and immigration	Nil
3	Health and sanitation	Nil
4	AIS Briefing Office	H24
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24
7	ATS	H24
8	Fuelling	Nil
9	Handling	Nil
10	Security	Nil
11	De-icing	Nil
12	Remarks	Nil

RJFZ AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Nil
2	Fuel/ oil types	JET A-1, JET A-1 PLUS
3	Fuelling facilities/ capacity	To be issued later
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

RJFZ AD 2.5 PASSENGER FACILITIES

1	Hotels	Nil
2	Restaurants	Nil
3	Transportation	Nil
4	Medical facilities	Nil
5	Bank and Post Office	Nil
6	Tourist Office	Nil
7	Remarks	Nil

RJFZ AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Nil
2	Rescue equipment	Nil
3	Capability for removal of disabled aircraft	Nil
4	Remarks	Nil

RJFZ AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	Nil
2	Clearance priorities	Nil
3	Remarks	Nil

RJFZ AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	To be issued later
2	Taxiway width, surface and strength	To be issued later
3	ACL and elevation	Not available
4	VOR checkpoints	Nil
5	INS checkpoints	Nil
6	Remarks	Nil

RJFZ AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and Visual docking/ parking guidance system of aircraft stands	Nil
2	RWY and TWY markings and LGT	RWY: (LGT): RTHL, TKOF aiming LGT TWY: (LGT): TWY edge LGT
3	Stop bars	Nil
4	Remarks	Nil

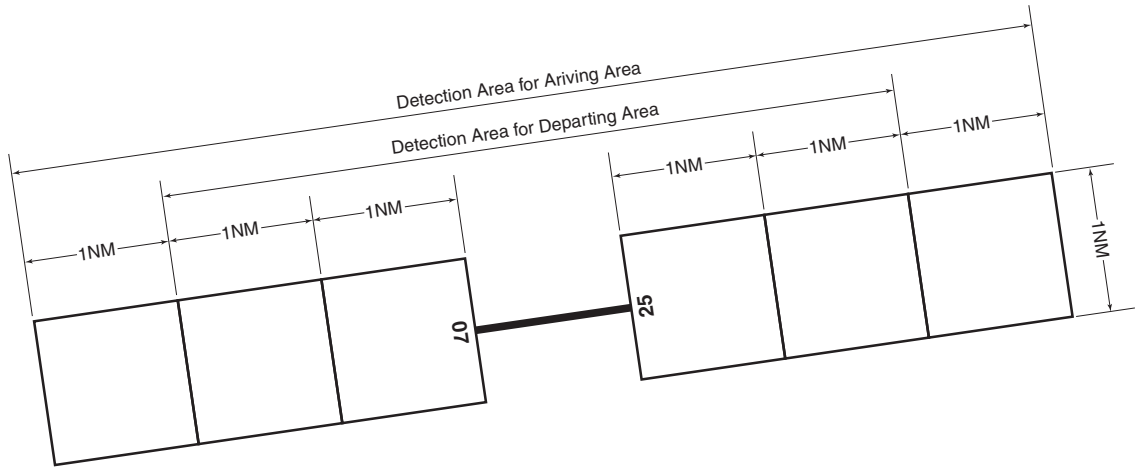
RJFZ AD 2.10 AERODROME OBSTACLES

RWY/Area affected	Obstacle type	Coordinates	Elevation	Markings/ LGT	Remarks
Nil					

RJFZ AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	TSUIKI
2	Hours of service MET Office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	Nil
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Nil
6	Flight documentation Language(s) used	Ja, En
7	Charts and other information available for briefing or consultation	S, U, P
8	Supplementary equipment available for providing information	Doppler Radar for airport weather(see below figure)
9	ATS units provided with information	Nil
10	Additional information (limitation of service, etc.)	Nil

Airspace for the advisory service concerning low level wind shear



UPPER LIMIT : 1600ft above FIELD ELEV LEVEL
LOWER LIMIT : FIELD ELEV LEVEL

RJFZ AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY(M)	Strength(PCN)and surface of RWY	THR coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
07	To be issued Later	2400×45	SW25000kg (55000lbs)	*334053.68N* *1310142.93E* 107.5ft	THR ELEV:52.0ft
25		2400×45	DW44000kg (96800lbs) Concrete	*334120.48N* *1310310.46E* 107.4ft	THR ELEV:19.0ft

Slope of RWY	Strip Dimensions(M)	Remarks
7	10	12
Nil	2900×300	High terrain in APRX 1000ft within 3NM W of field.
	2900×300	

RJFZ AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6

RJFZ AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	RTHL Color WBAR	PAPI (VASIS) Angle DIST FM THR MEHT	RTZL LEN	RCLL LEN Spacing Color INTST	REDL LEN Spacing Color INTST	RENL Color WBAR	STWL LEN Color
1	2	3	4	5	6	7	8	9
07			PAPI 3.0° 380m 51.6ft					Nil
25			PAPI 2.5° 396m 51.7ft					Nil
Remarks								
10								
RWY THR ID LGT								

RJFZ AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: *334036N/1310219E*, White/Green EV5sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI: LGTD
3	TWY edge and centerline lighting	TWY edge LGT: AVBL
4	Secondary power supply/ switch-over time	Nil
5	Remarks	WDI LGT, OBST LGT

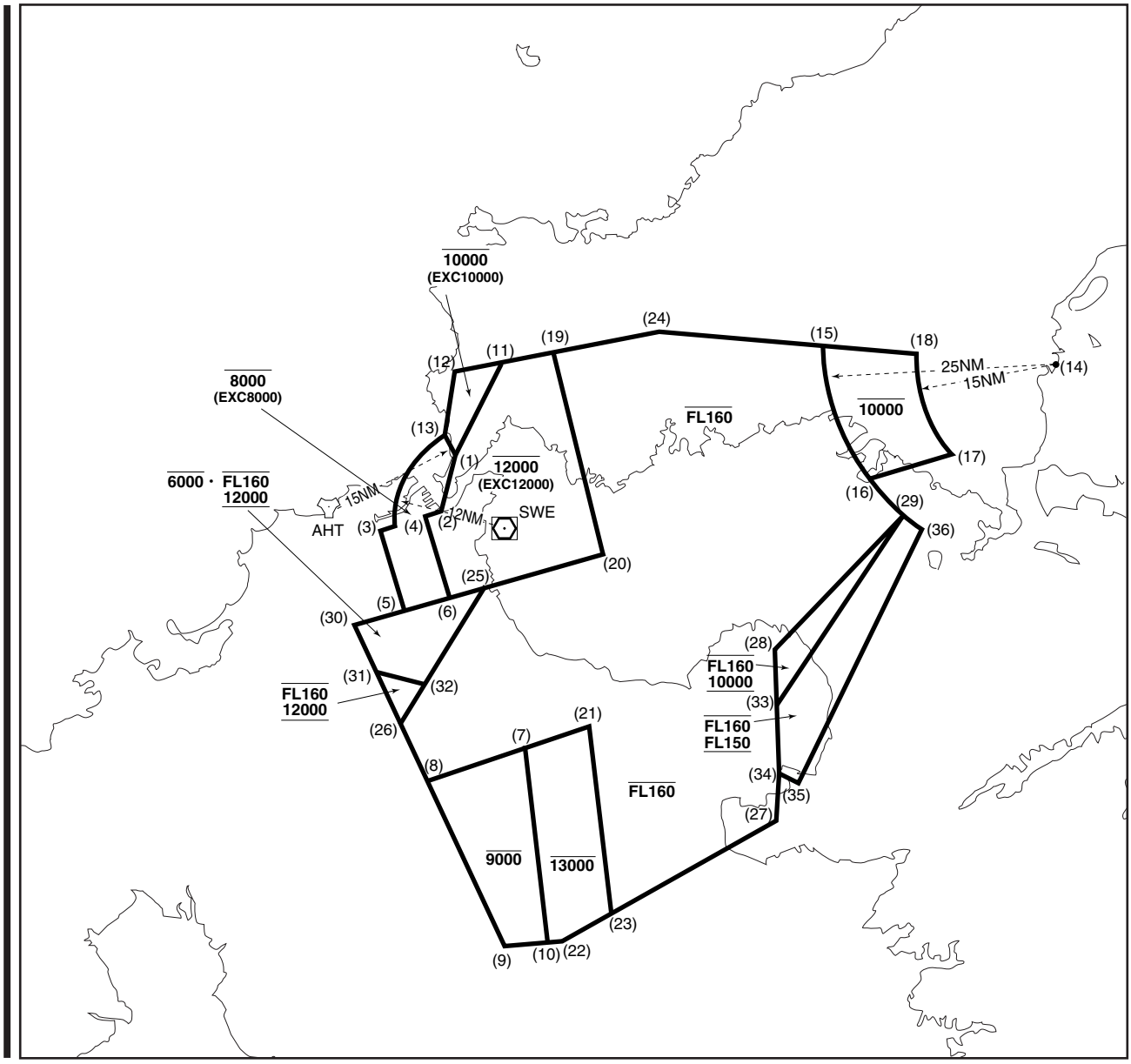
RJFZ AD 2.16 HELICOPTER LANDING AREA

To be issued later

RJFZ AD 2.17 ATS AIRSPACE

Designation and lateral limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
1		2	3	4	6
TSUIKI CTR	Area within a radius of 5NM of TSUIKI ARP, in the north side of a south parallel line at distance of 4NM from a line connecting DGC VORTAC and *340446N/1320850E*.	--------- 4000	D	TSUIKI TWR En	
	Area within a radius of 5NM of TSUIKI ARP, in the south side of a south parallel line at distance of 4NM from a line connecting DGC VORTAC and *340446N/1320850E*.	--------- 6000			
TSUIKI ACA	See ATTACHED CHART		E	TSUIKI APP En	

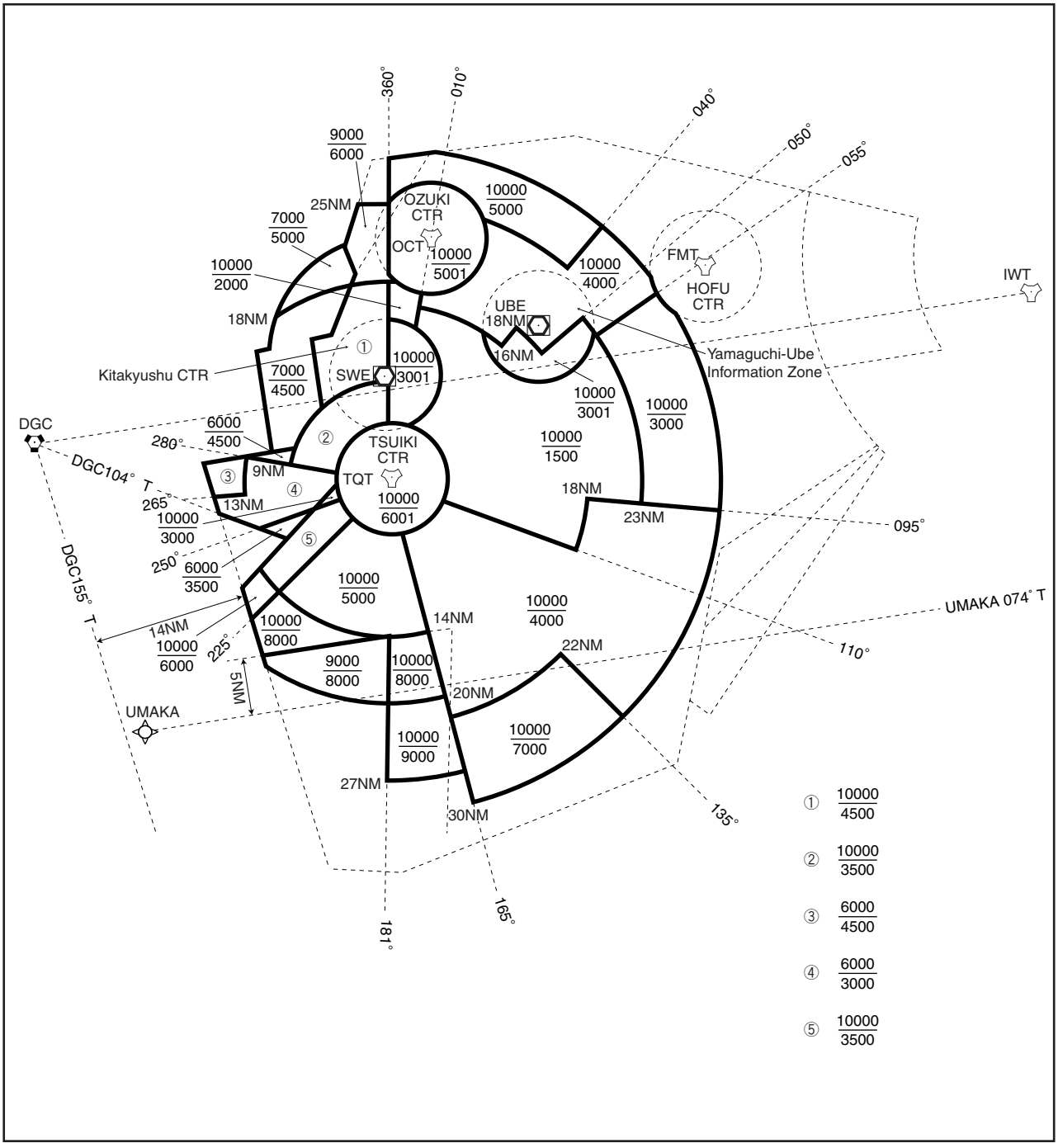
築城進入管制区
Tsuiki Approach Control Area



Point list

(1) *335905N1305538E*	(11) *341034N1310212E*	(21) *332856N1311143E*	(31) *333611N1304424E*
(2) *335327N1305356E*	(12) *340917N1305536E*	(22) *330555N1310757E*	(32) *333437N1305145E*
(3) *335111N1304558E*	(13) *340133N1305404E*	(23) *330842N1311415E*	(33) *333112N1313754E*
(4) *335247N1305140E*	(14) *340827N1321357E*	(24) *341341N1311816E*	(34) *332421N1313716E*
(5) *334228N1304858E*	(15) *341119N1314357E*	(25) *334458N1305945E*	(35) *332312N1313937E*
(6) *334351N1305445E*	(16) *335612N1314741E*	(26) *332944N1304800E*	(36) *334854N1315512E*
(7) *332704N1310406E*	(17) *335858N1315956E*	(27) *331835N1313643E*	
(8) *332353N1305116E*	(18) *341011N1315557E*	(28) *333820N1313835E*	
(9) *330533N1310128E*	(19) *341158N1310926E*	(29) *334923N1315428E*	
(10) *330551N1310645E*	(20) *334829N1311425E*	(30) *334047N1304149E*	

築城ターミナルコントロールエリア
Tsuiki Terminal Control Area



RJFZ AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP/ASR	Tsuiki Approach /Tsuiki Radar	321.2MHz 261.2MHz 315.9MHz 119.225MHz 120.1MHz 121.075MHz 121.5MHz(E) 243.0MHz(E)	H24	
DEP	Tsuiki Departure	362.3MHz 120.1MHz 121.5MHz(E) 243.0MHz(E)	H24	
TCA	Tsuiki TCA	127.95MHz	2300 - 1100 SUN - THU (EXC HOL)	
TWR	Tsuiki Tower	236.8MHz 126.2MHz 318.8MHz 247.0MHz(1)(2) 138.05MHz (1) 123.1MHz(1)(2) 243.0MHz(E) 121.5MHz(E)	H24	(1)For rescue only. (2)AVBL on request
GCA-ASR -PAR	Tsuiki Radar	335.6MHz 270.8MHz 134.1MHz 125.3MHz 304.6MHz 310.8MHz 323.8MHz 300.7MHz 315.0MHz 243.0MHz(E) 121.5MHz(E)	H24	ASR, PAR RWY 07/25 Glide path 3.0° (RWY 07) 2.5° (RWY 25)
GND	Tsuiki Ground	275.8MHz 126.2MHz	H24	

RJFZ AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
TACAN	TQT	1002MHz (CH-41X)	H24	*334117.62N/ 1310208.97E*	81ft	Unusable area: 070°-080° beyond 38NM BLW 4,000ft. 170°-180° beyond 33NM BLW 8,000ft. 180°-190° beyond 26NM BLW 8,000ft. 190°-210° beyond 21NM BLW 7,000ft. 210°-220° beyond 25NM BLW 7,000ft. 220°-230° beyond 25NM BLW 6,000ft. 230°-240° beyond 28NM BLW 6,000ft. 260°-270° beyond 24NM BLW 6,000ft. 270°-280° beyond 28NM BLW 5,000ft. 280°-310° beyond 16NM BLW 4,000ft. 310°-320° beyond 14NM BLW 4,000ft. 320°-330° beyond 16NM BLW 4,000ft. 330°-350° beyond 24NM BLW 4,000ft.

RJFZ AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Nil

2. Taxiing to and from stands

Nil

3. Parking area for small aircraft(General aviation)

Nil

4. Parking area for helicopters

Nil

5. Apron - taxiing during winter conditions

Nil

6. Taxiing - limitations

Nil

7. School and training flights - technical test flights - use of runways

Nil

8. Helicopter traffic - limitation

10

9. Removal of disabled aircraft from runways

Nil

RJFZ AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJFZ AD 2.22 FLIGHT PROCEDURES

1. TAKE OFF MINIMA

	RWY	REDL AVBL		REDL OUT	
		CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS
TKOF ALTN AP FILED	07	200' - 1000m	200' - 1000m	-	200' - 1000m
	25				
OTHER	07	AVBL LDG MINIMA			
	25				

2. WX MINIMA CONCERNING PAR/ASR APCH PROCEDURE

PAR RWY 07

MINIMA THR elev. 52 AD elev. 28				
CAT			CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	VIS
A	252(200)	1000	520(492)	1600
B			660(632)	
C			760(732)	2400
D			810(782)	3200

PAR RWY 25

MINIMA THR elev. 19 AD elev. 28				
CAT			CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	VIS
A	219(200)	1000	520(492)	1600
B			660(632)	
C			760(732)	2400
D			810(782)	3200

ASR RWY 25

MINIMA THR elev. 19 AD elev. 28				
CAT			CIRCLING	
	MDA(H)	RVR/CMV	MDA(H)	VIS
A	400(381)	1500	520(492)	1600
B			660(632)	
C		1800	760(732)	2400
D		2000	810(782)	3200

3. Lost communication procedures for arrival aircraft under radar navigational guidance

If radio communications with TSUIKI Radar are lost for 1 minute in the pattern or 5 seconds (PAR)/15 seconds (ASR) on final approach, squawk Mode A/3 Code 7600 and;

(I) 1. Contact TSUIKI Radar/Tower.
2. If unable, proceed in accordance with visual flight rules.
3. If unable,
(1) RWY07 in use;
proceed to SANKO IAF at last assigned altitude or 6000ft whichever is higher, and execute TACAN RWY07 approach.
(2) RWY25 in use;
proceed to SANKO IAF at last assigned altitude or 6000ft whichever is higher, and execute TACAN Z RWY25 approach.

(II) Procedures other than above will be issued when situation required.

4. Automated Radar Terminal System(ARTS)

築城進入管制所の指示のもとに，当該進入管制区を飛行する航空機は，モード A/3 の二次レーダー個別コード及びモード C による応答を指示される。 二次レーダー個別コードを搭載していない航空機が当該コードによる応答を指示された場合は，管制官に対し，その旨通報すること。	Aircraft flying under control of Tsuiki approach control in the approach control area will be instructed to reply with discrete code on Mode A/3 and Mode C. If an aircraft with non-discrete code capability be instructed to reply with the discrete code, it shall report a controller accordingly.

RJFZ AD 2.23 ADDITIONAL INFORMATION

Nil

RJFZ AD 2.24 CHARTS RELATED TO AN AERODROME

Standard Departure Chart - Instrument-1
Standard Departure Chart - Instrument-2
Standard Departure Chart - Instrument-3
Standard Arrival Chart - Instrument
Instrument Approach Chart (TACAN Z RWY25)
Instrument Approach Chart (TACAN Y RWY25)
Instrument Approach Chart (TACAN X RWY25)
Instrument Approach Chart (TACAN RWY07)

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STANDARD DEPARTURE CHART-INSTRUMENT

RJFZ / TSUIKI SID and TRANSITION

CHANGE : PROC renamed(MISHIMA FIVE DEPARTURE). PROC course(MISHIMA FIVE DEPARTURE).

MISHIMA FIVE DEPARTURE

RWY 07 : Turn right....
RWY 25 : Turn left within 3NM....
....Climb via TQT R150 to TQT 15.0DME,then turn left via TQT 15.0DME counter clockwise ARC to TQT R092,then via MIT R180 to MIT TACAN.
Maintain FL150 between MIT R180/60.0DME and MINNE.
Cross MIT R180/14.0DME at assigned or specified altitude.
Note : Minimum rate of climb
JET....400FT/NM until passing 2800FT(RWY25)
PROP....340FT/NM until passing 2800FT(RWY25)

HIMESHIMA FOUR DEPARTURE

RWY 07 : Turn right....
RWY 25 : Turn left within 3NM....
....Climb via TQT R092 until HIMEH(TQT R092/29.1DME), then proceed as directed by ATC.
Cross HIMEH at assigned or specified altitude.
Note : Minimum rate of climb
JET....400FT/NM until passing 2800FT(RWY25)
PROP....340FT/NM until passing 2800FT(RWY25)

MUSASHI TRANSITION

After HIMEH, via TFE R346 to TFE VOR/DME.

KUGA SIX DEPARTURE

RWY 07 : Turn right....
RWY 25 : Turn left within 3NM....
....Climb via TQT R150 until TQT R150/15.0DME, turn left to intercept and proceed via IWT R240 (MRA5000FT) to IWT TACAN.
Cross HIMEH(IWT R240/33.6DME) at assigned or specified altitude.
Note : Minimum rate of climb
JET....400FT/NM until passing 2800FT(RWY25)
PROP....340FT/NM until passing 2800FT(RWY25)

HIMESHIMA REVERSAL THREE DEPARTURE

RWY 07 : Turn right....
RWY 25 : Turn left within 3NM....
....Climb via TQT R092 within 20NM of TQT TACAN, turn right reverse course to TQT TACAN, then proceed as directed by ATC.
Cross TQT TACAN at assigned or specified altitude.
Note : Minimum rate of climb
JET....400FT/NM until passing 2800FT(RWY25)
PROP....340FT/NM until passing 2800FT(RWY25)

STANDARD DEPARTURE CHART-INSTRUMENT

RJFZ / TSUIKI SID and TRANSITION

NAKATSU REVERSAL TWO DEPARTURE

RWY 07 : Turn right....

RWY 25 : Turn left within 3NM....

....Climb via TQT R150 within 20NM of TQT TACAN, turn(direction specified by ATC), reverse course to TQT TACAN, then proceed as directed by ATC.

Cross TQT TACAN at assigned or specified altitude. (MCA at TQT TACAN 6000FT)

Note : Minimum rate of climb

JET....400FT/NM until passing 2800FT(RWY25)

PROP....340FT/NM until passing 2800FT(RWY25)

KANMO TRANSITION

After TQT TACAN, proceed via TQT R351 to KANMO(TQT R351/8.6DME), then proceed as directed by ATC.

MINNE TRANSITION

After TQT TACAN, proceed via TQT R026 to MINNE, then via MIT R180 to MIT TACAN.

OGORI TRANSITION

After TQT TACAN, proceed via TQT R239 to OGORI(TQT R239/39.1DME), then proceed as directed by ATC.

Cross TQT 15.0DME at or above 7000FT.

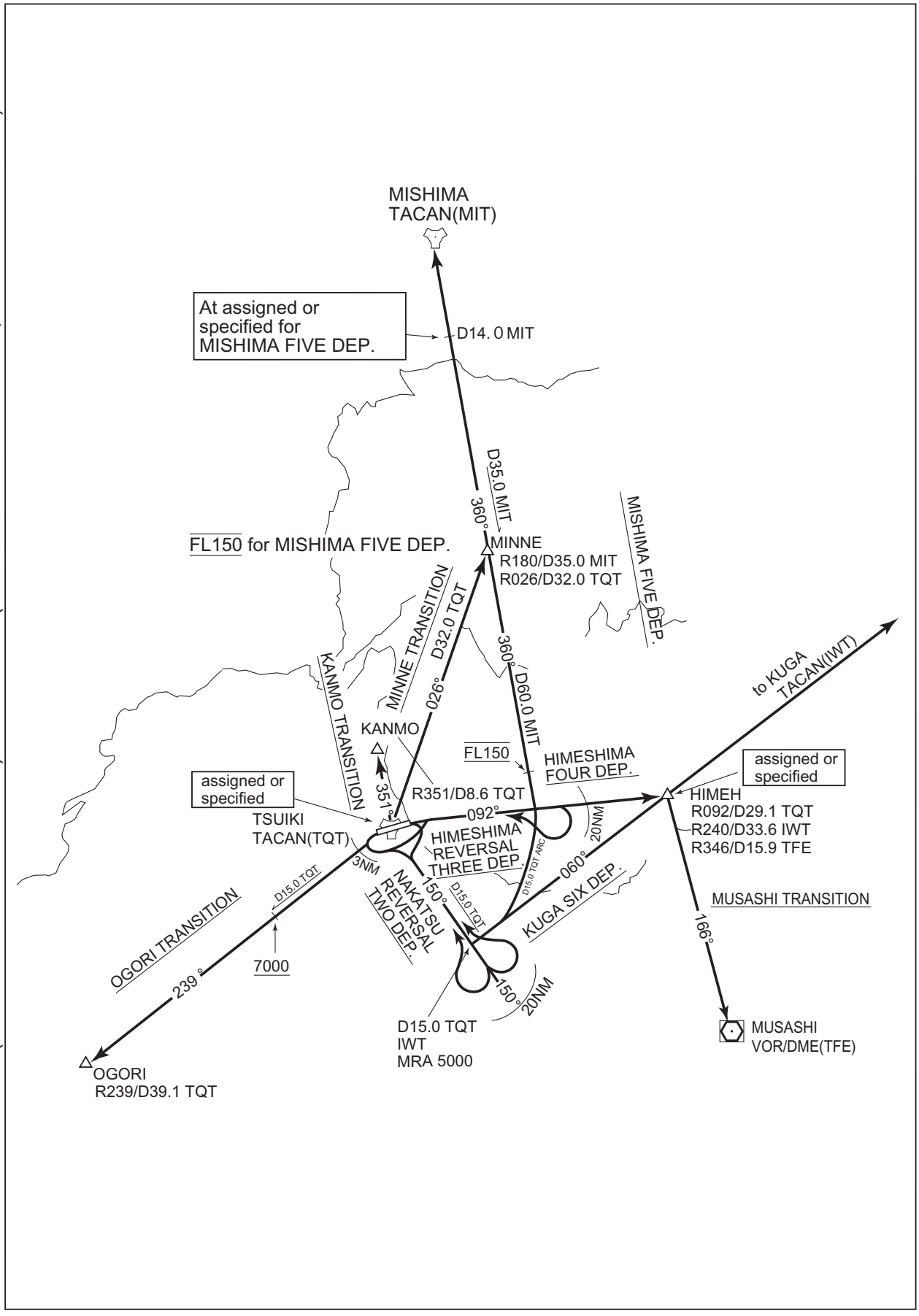
CHANGE : Course FM MINNE to MIT(MINNE TRANSITION).

STANDARD DEPARTURE CHART-INSTRUMENT

RJFZ / TSUIKI

SID and TRANSITION

CHANGE : PROC renamed(MISHIMA FIVE DEPARTURE). PROC course(MISHIMA FIVE DEPARTURE, MINNE TRANSITION).

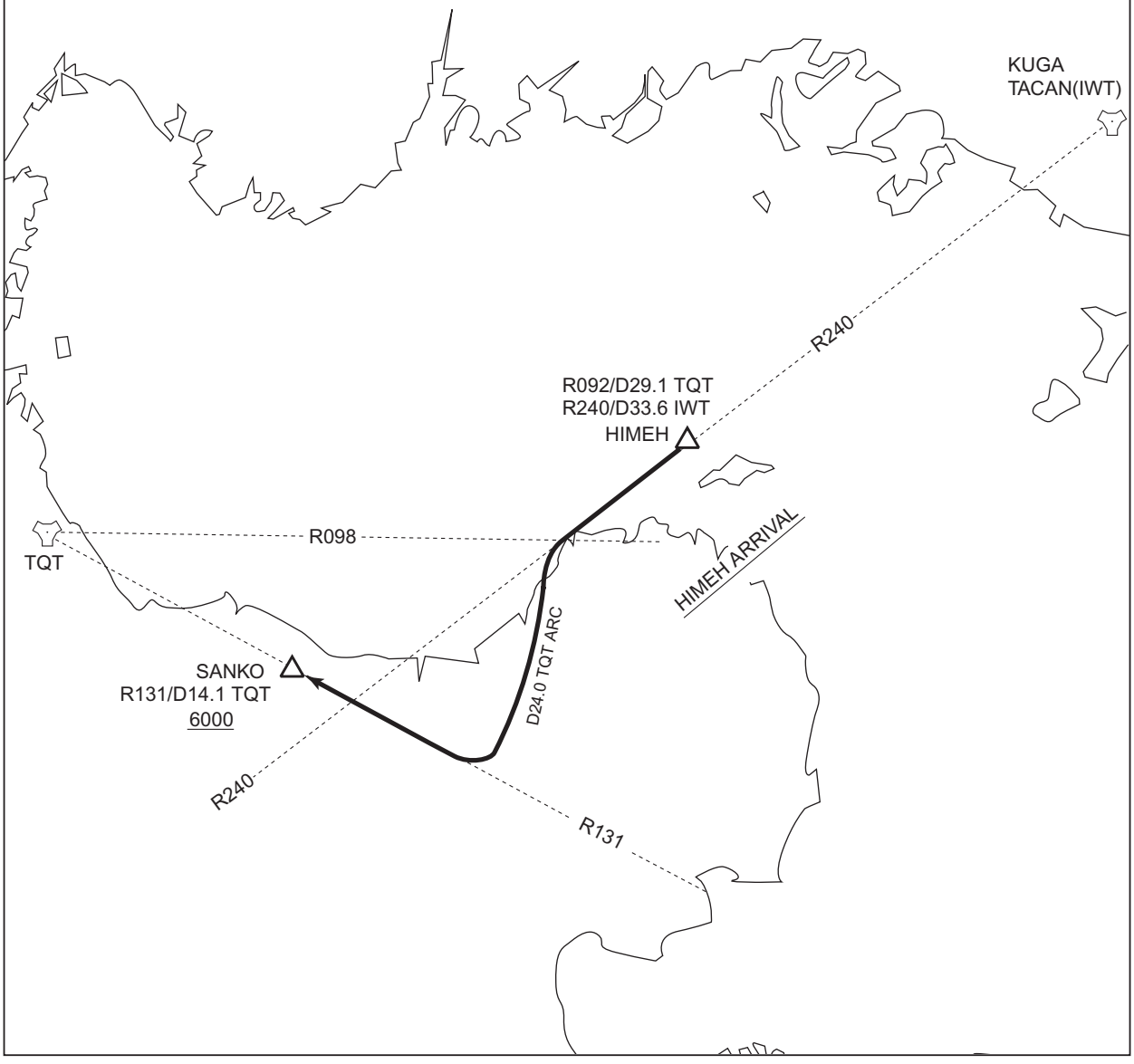


STANDARD ARRIVAL CHART - INSTRUMENT

RJFZ / TSUIKI STAR

HIMEH ARRIVAL

From over HIMEH (IWT R240/33.6DME), proceed via IWT R240,
then turn left, proceed via TQT 24.0DME clockwise ARC to TQT R131,
then turn right proceed via TQT R131 to SANKO (TQT R131/14.1DME).
Cross SANKO at or above 6000FT.



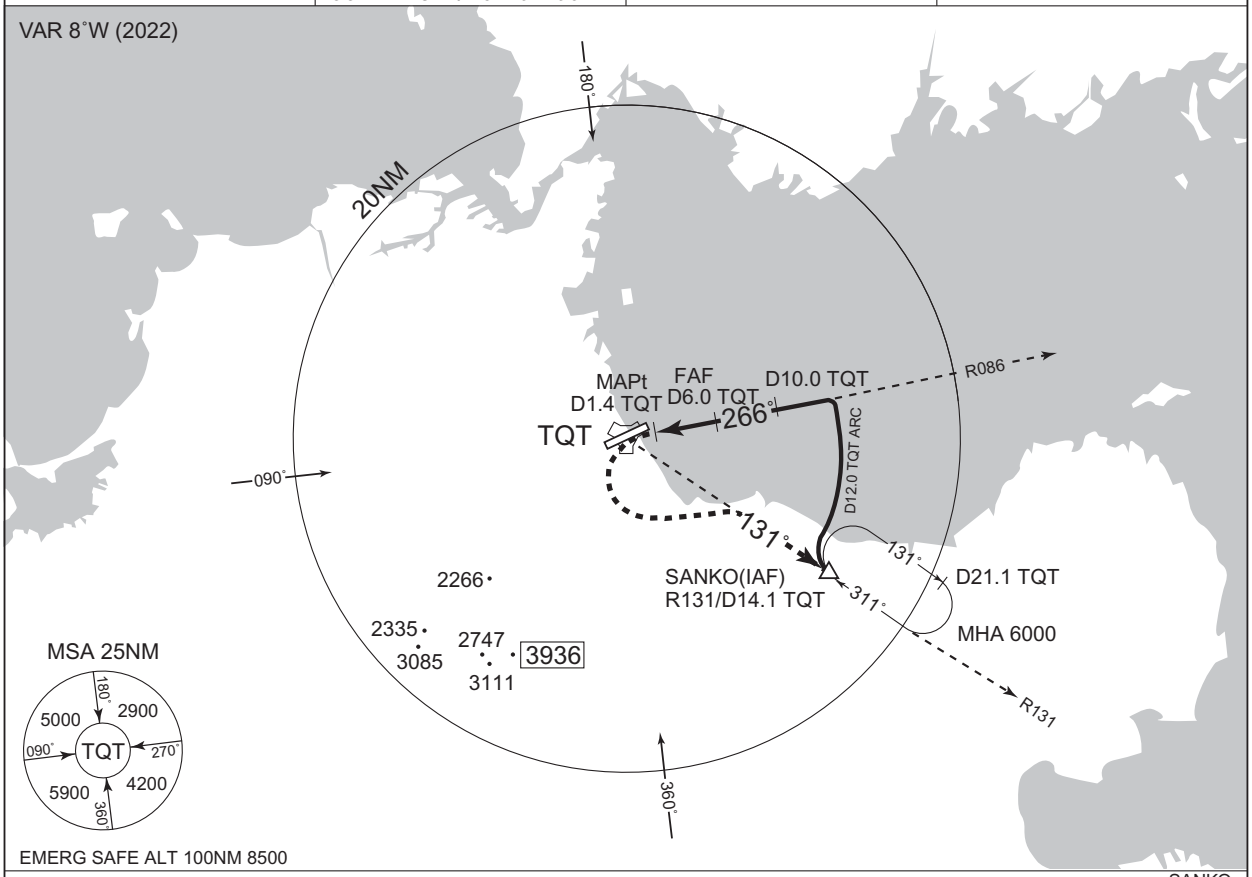
CHANGE : ALT restriction at SANKO.

INSTRUMENT APPROACH CHART

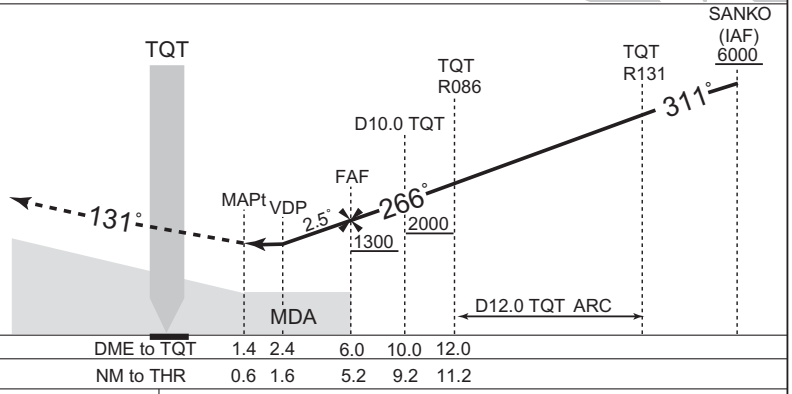
RJFZ / TSUIKI

TACAN Z RWY25

TSUIKI APP 120.1 – 321.2	TSUIKI TACAN 1002 TQT CH-41X *33˚41´18˝N/131˚02´09˝E*	TSUIKI TOWER 126.2 – 236.8–318.8	RADAR AVBL



MISSED APPROACH
At 1.4DME prior to TQT TACAN, climb to 6000FT, and turn left to intercept and proceed via TQT R131 to SANKO and hold.
Contact TSUIKI APP.



MINIMA THR elev. 19 AD elev. 28

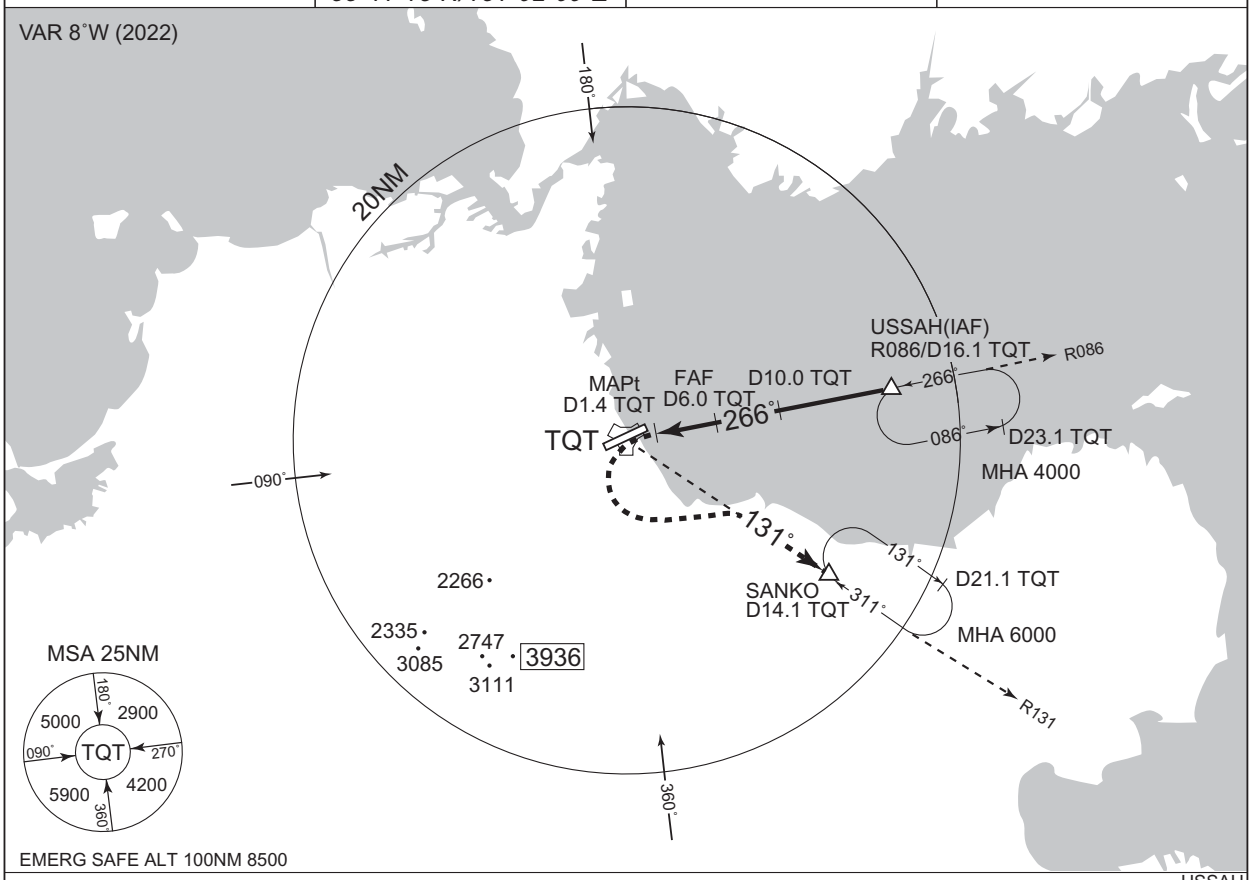
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	440 (421)	1500	520 (492)	1600
B			660 (632)	
C		1800	760 (732)	2400
D		2000	810 (782)	3200

CHANGE : ALT restriction at SANKO. MHA. Description of RADAR Service.

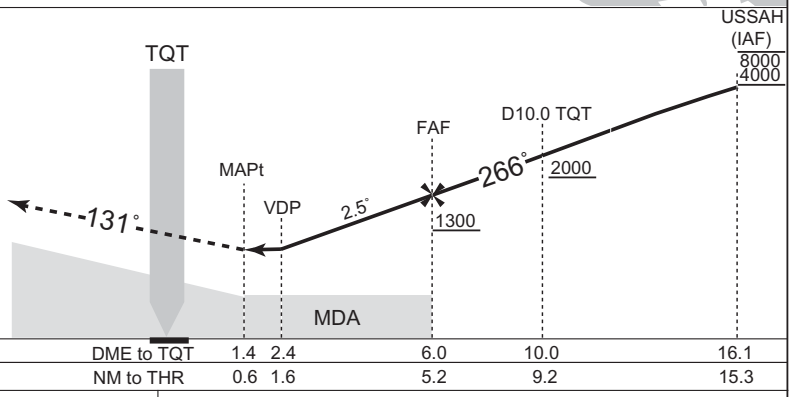
INSTRUMENT APPROACH CHART

RJFZ / TSUIKI — TACAN Y RWY25

TSUIKI APP	TSUIKI TACAN	TSUIKI TOWER	RADAR AVBL
120.1 – 321.2	1002 TQT CH-41X *33°41′18″N/131°02′09″E*	126.2 – 236.8–318.8	



MISSED APPROACH
At 1.4DME prior to TQT TACAN, climb to 6000FT, and turn left to intercept and proceed via TQT R131 to SANKO and hold.
Contact TSUIKI APP.



MINIMA THR elev. 19 AD elev. 28

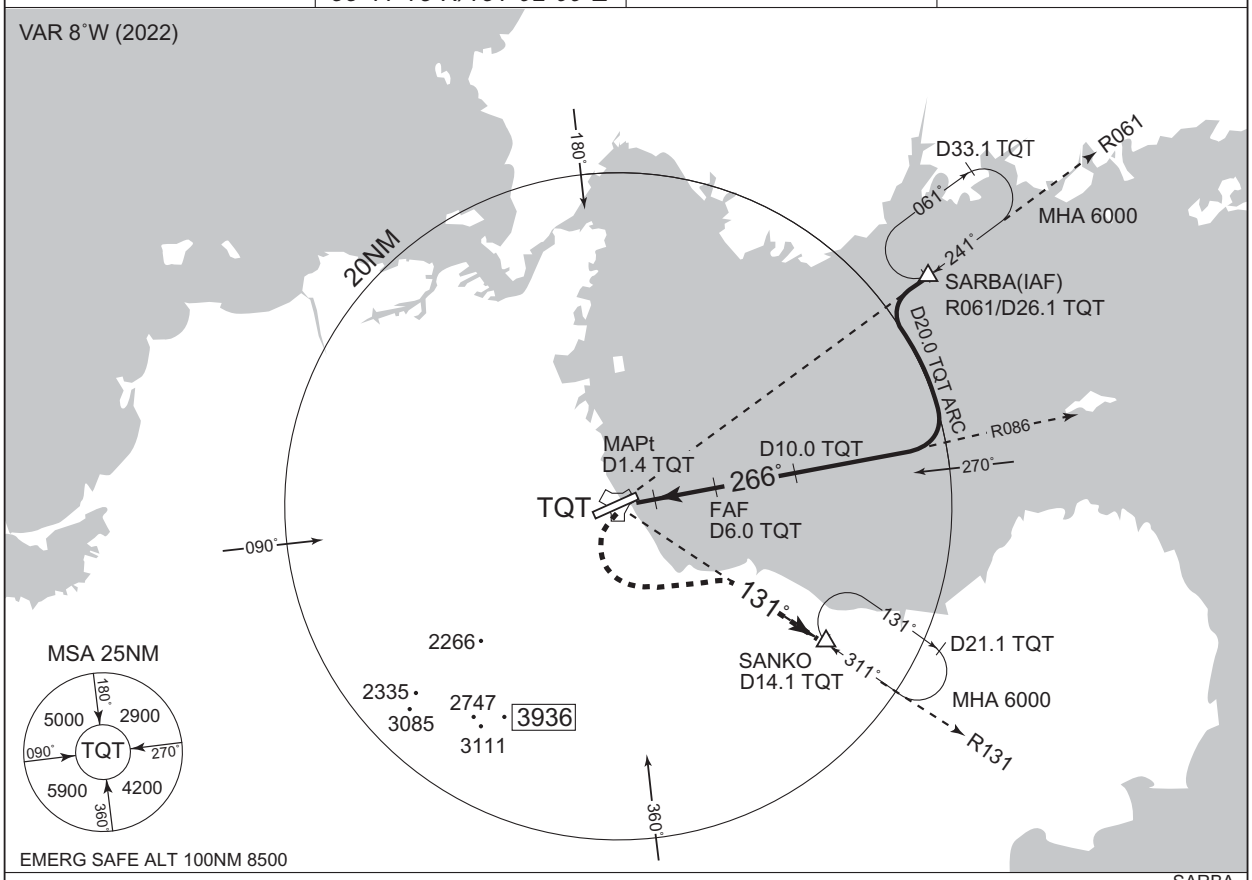
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	440 (421)	1500	520 (492)	1600
B			660 (632)	
C		1800	760 (732)	2400
D		2000	810 (782)	3200

CHANGE : MHA. Description of RADAR Service.

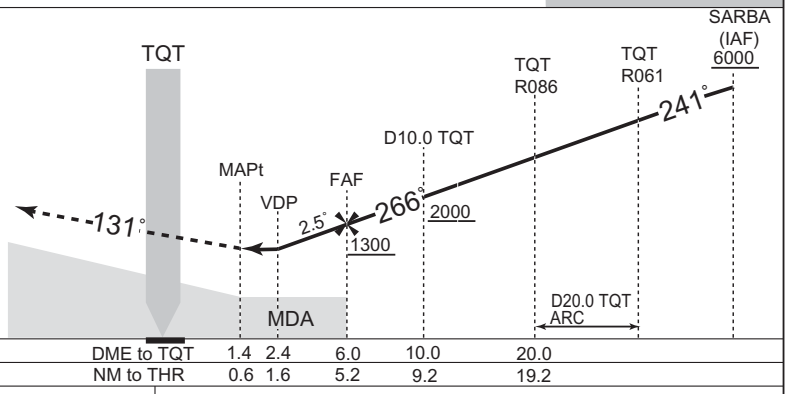
INSTRUMENT APPROACH CHART

RJFZ / TSUIKI — TACAN X RWY25

TSUIKI APP 120.1 – 321.2	TSUIKI TACAN 1002 TQT CH-41X *33°41′18″N/131°02′09″E*	TSUIKI TOWER 126.2 – 236.8–318.8	RADAR AVBL



MISSED APPROACH
At 1.4DME prior to TQT TACAN, climb to 6000FT, and turn left to intercept and proceed via TQT R131 to SANKO and hold.
Contact TSUIKI APP.



MINIMA THR elev. 19 AD elev. 28

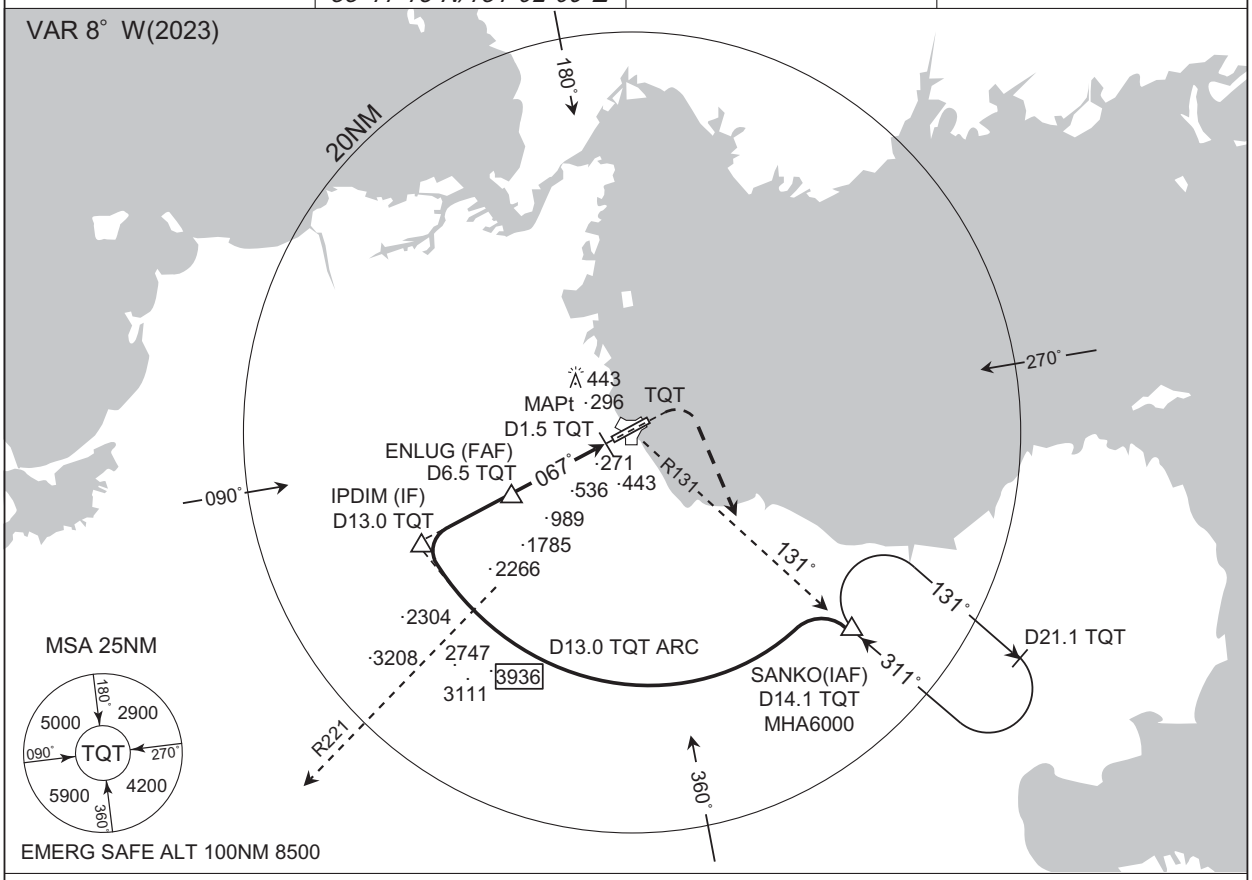
CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	440 (421)	1500	520 (492)	1600
B			660 (632)	
C		1800	760 (732)	2400
D		2000	810 (782)	3200

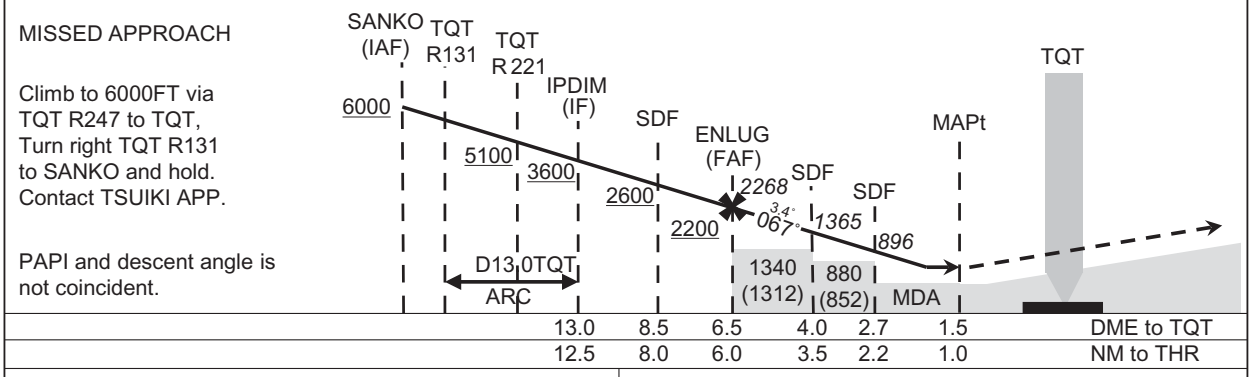
CHANGE : MHA. Description of RADAR Service.

INSTRUMENT APPROACH CHART

RJFZ / TSUIKI — TACAN RWY07

TSUIKI APP	TSUIKI TACAN	TSUIKI TOWER	RADAR AVBL
120.1 – 321.2	1002 TQT CH-41X *33˚41´18˝N/131˚02´09˝E*	126.2 – 236.8–318.8	





MINIMA THR elev. 52 AD elev. 28

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	620 (592)	1500	620 (592)	1600
B			660 (632)	
C		1800	760 (732)	2400
D		2000	810 (782)	3200

CHANGE : ENLUG, IPDIM established. VABLA, UPGUN abolished. Missed APCH PROC.