AD 2 AERODROMES

RJFN AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJFN - NYUTABARU

RJFN AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	*320501N/1312705E*
2	Direction and distance from (city)	10.5NM N MIYAZAKI
3	Elevation/ Reference temperature	259ft / 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

RJFN 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

RJFN AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Nil
2	Fuel/ oil types	JET A-1PLUS
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	(1)EXP DLY fuel SVC

RJFN 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

RJFN 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

RJFN AD 2.7 SEASONAL AVAILABILITY-CLEARING

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

RJFN 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

RJFN 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: (RWY10/28) (LGT) RTHL, TKOF aiming LGT TWY: (LGT) TWY edge LGT
3	Stop bars	Nil
4	Remarks	Nil

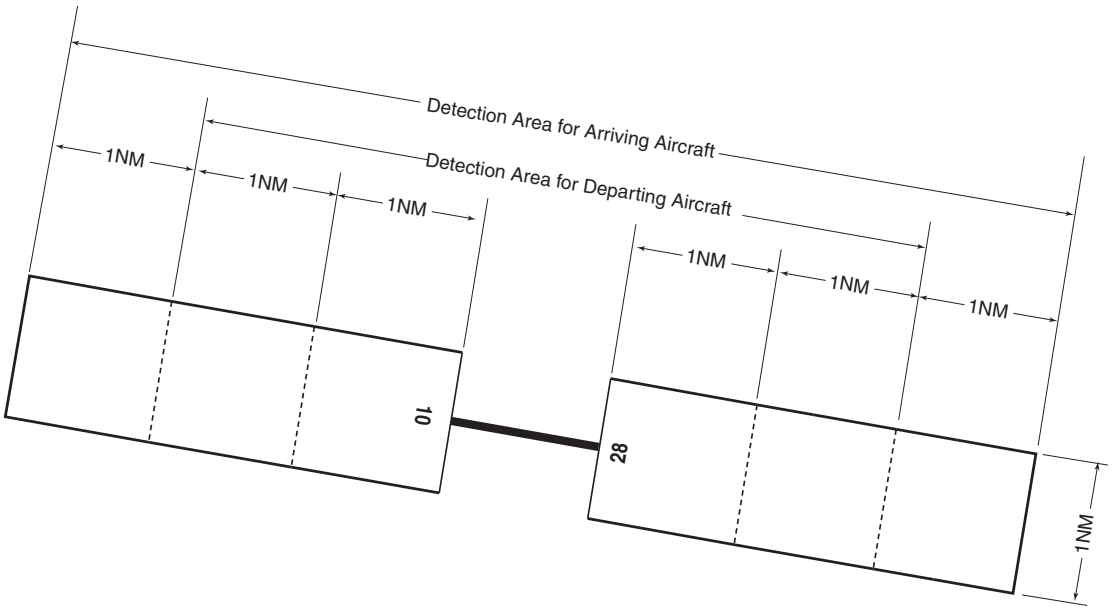
RJFN AD 2.10 AERODROME OBSTACLES

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

RJFN AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	NYUTABARU
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	Nil
7	Charts and other information available for briefing or consultation	S. U
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

RJFN 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
10	To be issued Later	2700×45	SW47000kg (103635lbs) DW101000kg (222705lbs) DTW146000kg (321930lbs) TTTW263000kg (579915lbs) Asphalt Concrete	Nil	Nil
28		2700×45		Nil	Nil

Slope of RWY	Strip Dimensions (M)	Remarks
7	10	12
Nil	3300×450 3300×450	

RJFN AD 2.13 DECLARED DISTANCES

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

RJFN 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
10			PAPI 3.0° 360.0m 52ft					
28	AVBL		PAPI 3.0° 370.3m 60ft					

Remarks
10
Nil

RJFN AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN:*320523N/1312748E*, White/Green EV10sec, HO
2	LDI location and LGT Anemometer location and LGT	LDI: LGTD
3	TWY edge and center line lighting	Nil
4	Secondary power supply/ switch-over time	Nil
5	Remarks	WDI LGT, OBST LGT

RJFN AD 2.16 HELICOPTER LANDING AREA

To be issued later

RJFN AD 2.17 ATS AIRSPACE

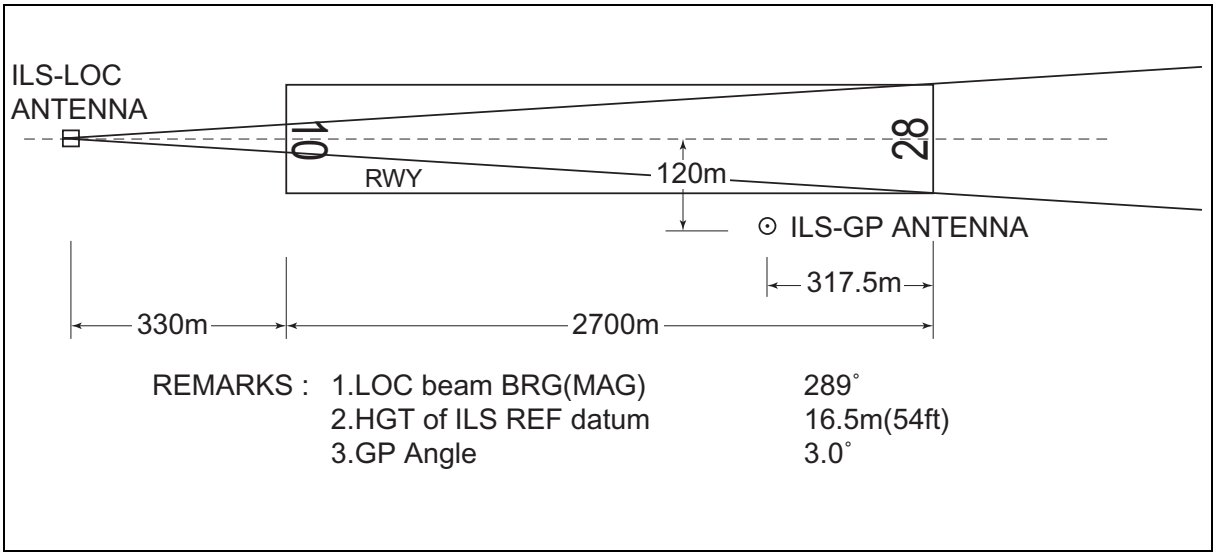
Designation and lateral limits		Vertical limits (ft)	Airspace classification	ATS unit call sign Language	Remarks
1		2	3	4	6
NYUTABARU CTR	Area within a radius of 5NM of NYUTABARU ARP (*32°05'N131°27'E*)	6000 or below	D	NYUTA TOWER En	

RJFN AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Nyuta Tower	236.8MHz 126.2MHz 304.5MHz 247.0MHz(1)(2) 138.05MHz(1) 123.1MHz(1)(2) 120.1MHz 243.0MHz(E) 121.5MHz(E)	H24	APP service provided by 1) KOBE CTL: 1300-2200 2) KAGOSHIMA APP: 2200-1300 (1) For rescue only (2) AVBL on request.
GCA-ASR -PAR	Nyuta GCA	335.6MHz 270.8MHz 134.1MHz 125.3MHz 307.2MHz 238.8MHz 289.4MHz 316.0MHz 243.0MHz(E) 121.5MHz(E)	H24	ASR,PAR RWY 28 Glide path 3.0°
GND	Nyuta Ground	275.8MHz	H24	
MET	Nyuta Metro	344.6MHz	H24	Pilot forecaster SER(MIL)

RJFN 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	NHT	1184MHz (CH-97X)	H24	*320449.48N/ 1312713.62E*	263ft	Unusable: R360-010 beyond 22NM BLW 8,000ft. R010-020 beyond 30NM BLW 8,000ft. R040-050 beyond 38NM BLW 5,000ft. R050-060 beyond 38NM BLW 4,000ft. R060-070 beyond 28NM BLW 2,000ft. R070-090 beyond 33NM BLW 2,000ft. R090-100 beyond 30NM BLW 2,000ft. R100-170 beyond 29NM BLW 2,000ft. R170-180 beyond 21NM BLW 5,000ft. R180-190 beyond 27NM BLW 6,000ft. R190-200 beyond 30NM BLW 6,000ft. R200-210 beyond 23NM BLW 6,000ft. R210-230 beyond 31NM BLW 6,000ft. R230-270 beyond 36NM BLW 8,000ft. R270-280 beyond 30NM BLW 8,000ft. R280-290 beyond 23NM BLW 7,000ft. R290-310 beyond 28NM BLW 8,000ft. R310-320 beyond 26NM BLW 8,000ft. R320-330 beyond 30NM BLW 8,000ft. R330-360 beyond 27NM BLW 8,000ft.
ILS-LOC 28	INH	111.3MHz	H24	*320512N/ 1312604E*		LOC:330m(1083ft) away FM RWY 10 THR, BRG(MAG)289°
ILS-GP 28	-	332.3MHz	H24	*320451N/ 1312744E*		GP:317.5m(1042ft) inside FM RWY 28 THR,120m(394ft) S of RCL. Angle 3.0°ILS Ref datum 16.5m(54ft).



RJFN 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

Nil

9. Removal of disabled aircraft from runways

Nil

RJFN AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJFN AD 2.22 FLIGHT PROCEDURES

1. TAKE OFF MINIMA

	RWY	ACFT CAT	REDL & RCLL		REDL or RCLL or RCL Marking		NIL (DAYTIME ONLY)	
			CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS	CEIL-RVR	CEIL-VIS
Multi-Engine ACFT with TKOF ALTN AP FILED	10	A,B,C,D	-	-	-	0′-400m	-	0′-500m
	28	A,B,C,D	-	-	-	200′-2400m	-	200′-2400m
OTHER	10	A,B,C,D	AVBL LDG MINIMA					
	28	A,B,C,D						

2. WX MINIMA CONCERNING PAR/ASR APCH PROCEDURE

PAR RWY28

Missed APCH climb gradient MNM 3.0%

MINIMA THR elev. 235 AD elev. 259				
CAT			CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	VIS
A	468(233)	750	690(431)	1600
B			710(451)	
C			840(581)	2400
D				3200

MINIMA with Missed APCH climb gradient of 2.5% are not established.

ASR RWY28

Missed APCH climb gradient MNM 4.1%

MINIMA THR elev. 235 AD elev. 259				
CAT			CIRCLING	
	MDA(H)	RVR/CMV	MDA(H)	VIS
A	630(395)	1200	690(431)	1600
B		1300	710(451)	
C		1400	840(581)	2400
D		1600		3200

MINIMA with Missed APCH climb gradient of 2.5% are not established.

3. PAR/ASR Missed Approach Procedure

Unless otherwise instructed by ATC, execute each missed approach procedure as follows.

(1) PAR RWY 28: At guidance limit, climb to 700FT on HDG 289°, turn right HDG 111° to intercept and proceed via NHT R066 to ZARON and hold at 5000FT. Contact KAGOSHIMA APP.

(2) ASR RWY 28: At guidance limit, climb on HDG 289° to NHT 1.9DME(1.0NM FM RWY end), turn right HDG 111° to intercept and proceed via NHT R066 to ZARON and hold at 5000FT. Contact KAGOSHIMA APP.

4. Lost Communication Procedures for Arrival Aircraft under Radar Navigational Guidance.

If radio communications with Kagoshima Approach/Radar or NYUTA GCA are lost for 1 minute or 5 seconds(PAR) / 15 seconds(ASR) on final approach, squawk Mode A/3 Code 7600 and;

I 1) Contact Nyuta Tower.
2) If unable,proceed in accordance with visual flight rules.
3) If unable,proceed to ZARON at the last assigned altitude or 5,000ft whichever is higher and execute instrument approach.

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

RJFN AD 2.23 ADDITIONAL INFORMATION

Nil

RJFN AD 2.24 CHARTS RELATED TO AN AERODROME

Standard Departure Chart - Instrument (NIPPO)
Standard Departure Chart - Instrument (TENSO)
Standard Departure Chart - Instrument (SAITO)
Standard Departure Chart - Instrument (TRANSITION)
Standard Arrival Chart - Instrument (TENSO)
Instrument Approach Chart (TACAN Z RWY28)
Instrument Approach Chart (TACAN Y RWY28)
Instrument Approach Chart (ILS Z or LOC Z RWY28)
Instrument Approach Chart (ILS Y or LOC Y RWY28)
Instrument Approach Chart (ILS X or LOC X RWY28)

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STANDARD DEPARTURE CHART-INSTRUMENT

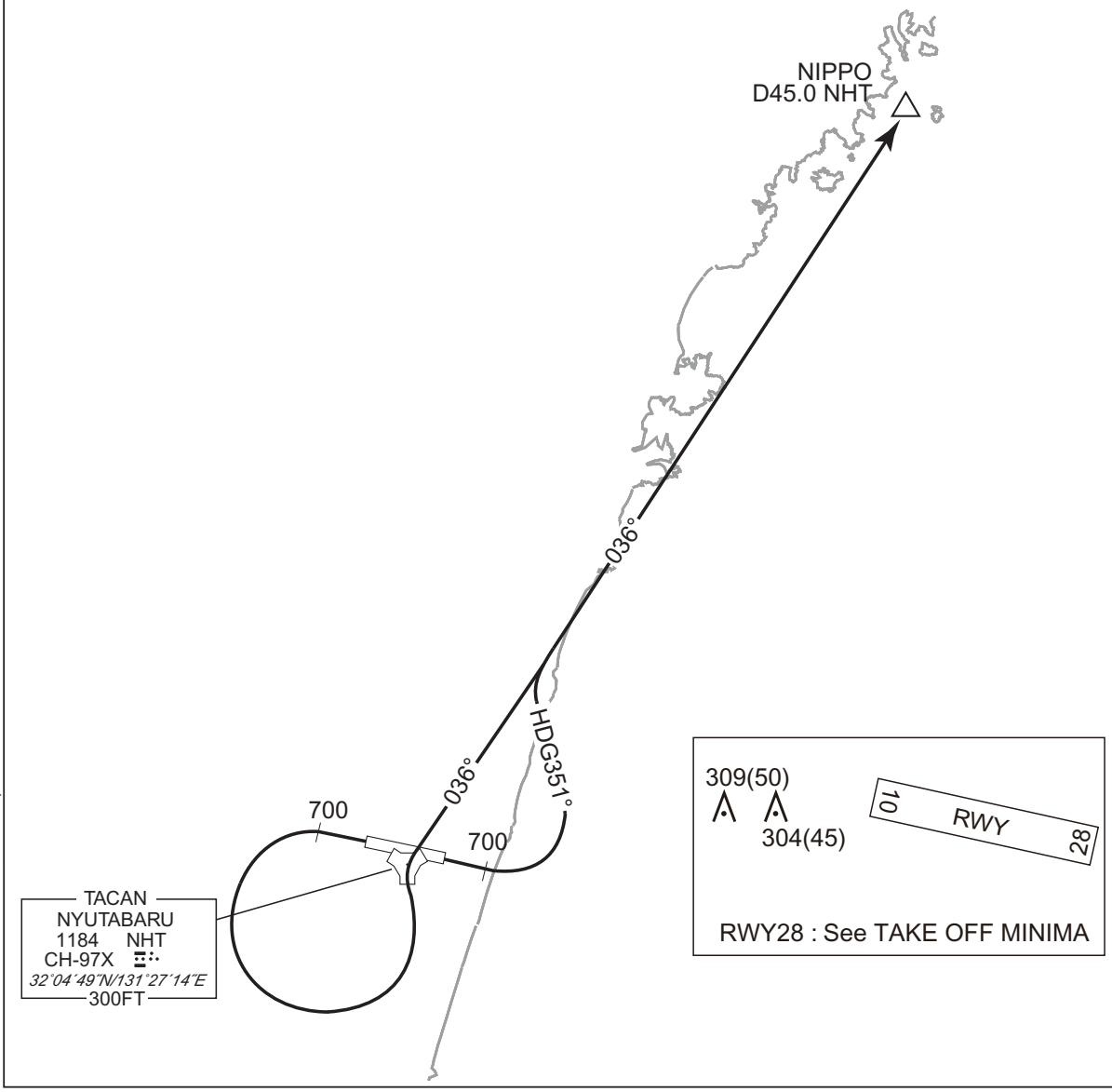
RJFN / NYUTABARU SID

CHANGE : PROC renamed(NIPPO SEVEN DEPARTURE), PROC course(NIPPO SEVEN DEPARTURE), YATOGI TWO DEPARTURE abolished.
Restriction. Note, OBST added.

NIPPO SEVEN DEPARTURE

RWY10 : Climb RWY HDG to 700FT, turn left HDG 351°...
RWY28 : Climb RWY HDG to 700FT, turn left...
...to intercept and proceed via NHT R036 to NIPPO.

Note RWY28 : 5.0% climb gradient required up to 4000FT.



STANDARD DEPARTURE CHART-INSTRUMENT

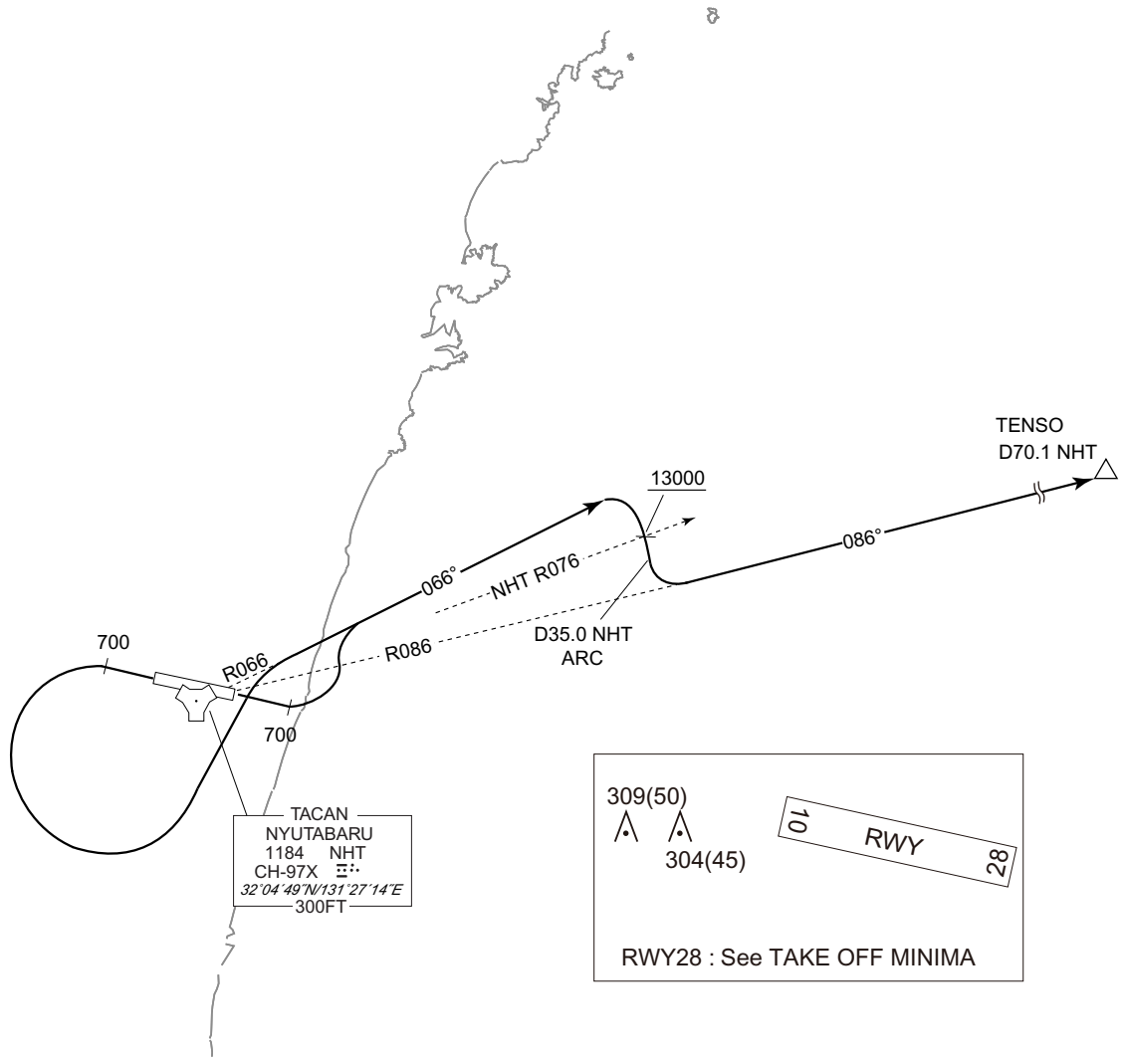
RJFN / NYUTABARU SID

CHANGE : PROC renamed. PROC course. Restriction. Note, OBST added.

TENSO FOUR DEPARTURE

RWY10 : Climb RWY HDG to 700FT, turn left...
RWY28 : Climb RWY HDG to 700FT, turn left...
...to intercept and proceed via NHT R066, via NHT 35.0DME clockwise ARC via NHT R086 to TENSO.
Cross NHT R076 at or above 13000FT.

Note RWY28 : 5.0% climb gradient required up to 4000FT.



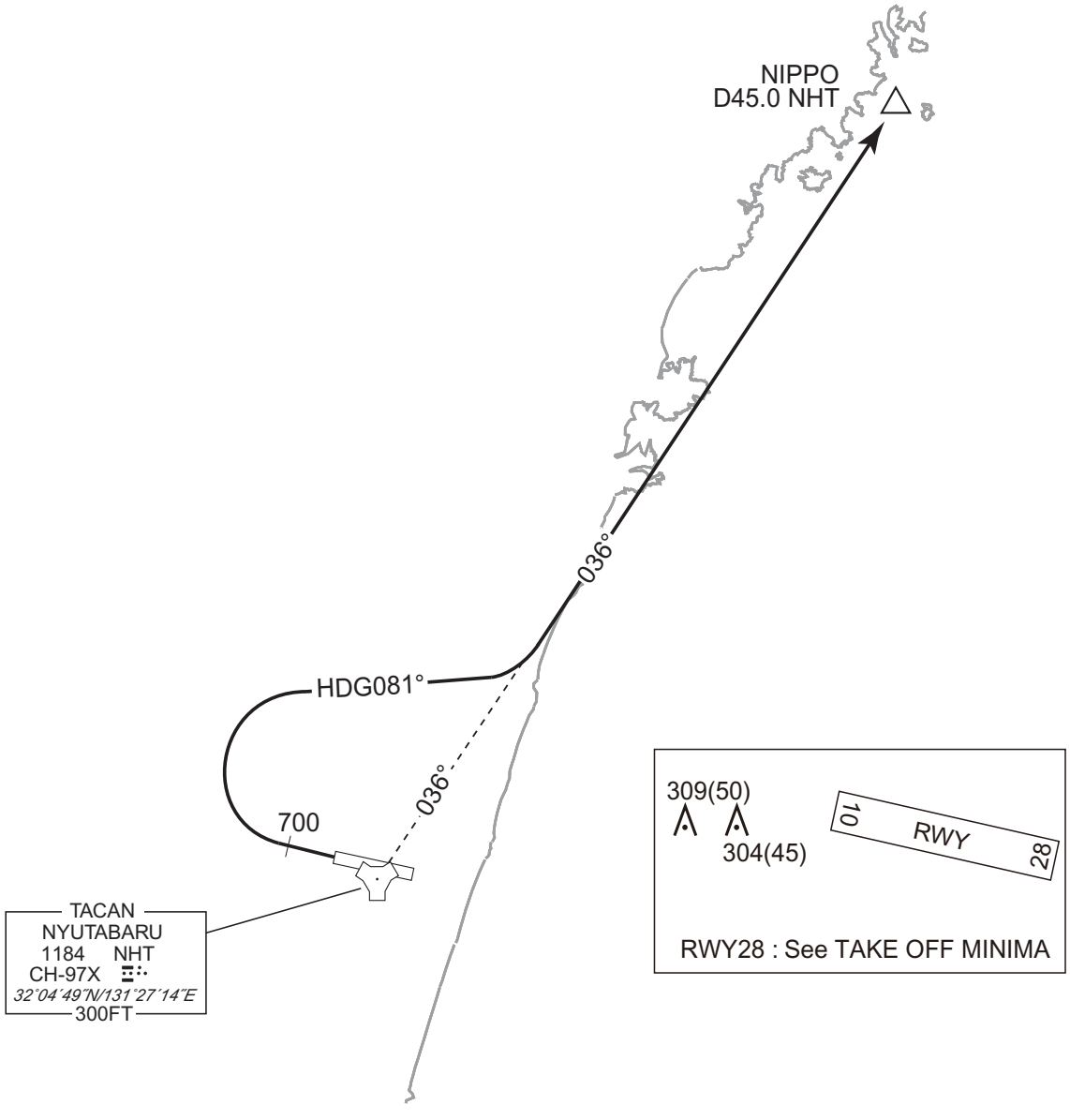
STANDARD DEPARTURE CHART-INSTRUMENT

RJFN / NYUTABARU SID

SAITO ONE DEPARTURE

RWY10 : (Not established)
RWY28 : Climb RWY HDG to 700FT, turn right HDG 081° to intercept and proceed via NHT R036 to NIPPO.

Note RWY28 : 5.0% climb gradient required up to 4000FT.
OBST ALT 1871FT located at 6.3NM 334° FM end of RWY28.



CHANGE : New PROC.

STANDARD DEPARTURE CHART-INSTRUMENT

RJFN / NYUTABARU TRANSITION

CHANGE : PROC course(NOBEOKA TRANSITION). Description of ASHIZURI TRANSITION, MUSASHI TRANSITION. ALT restriction. SOBO TRANSITION abolished.

ASHIZURI TRANSITION

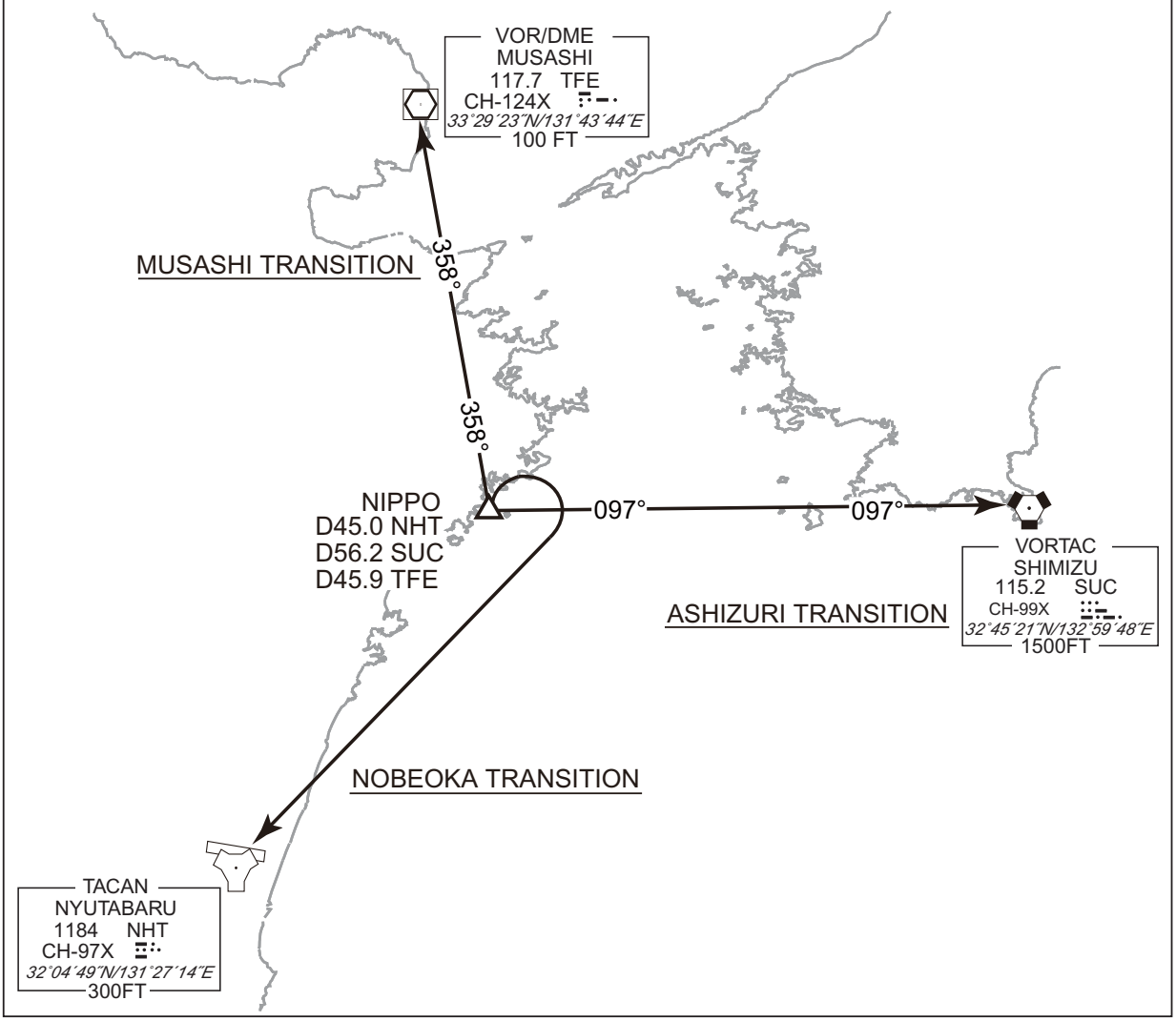
From over NIPPO, via SUC R277 to SUC VORTAC.

MUSASHI TRANSITION

From over NIPPO, via TFE R178 to TFE VOR/DME.

NOBEOKA TRANSITION

From over NIPPO, turn right direct to NHT TACAN.



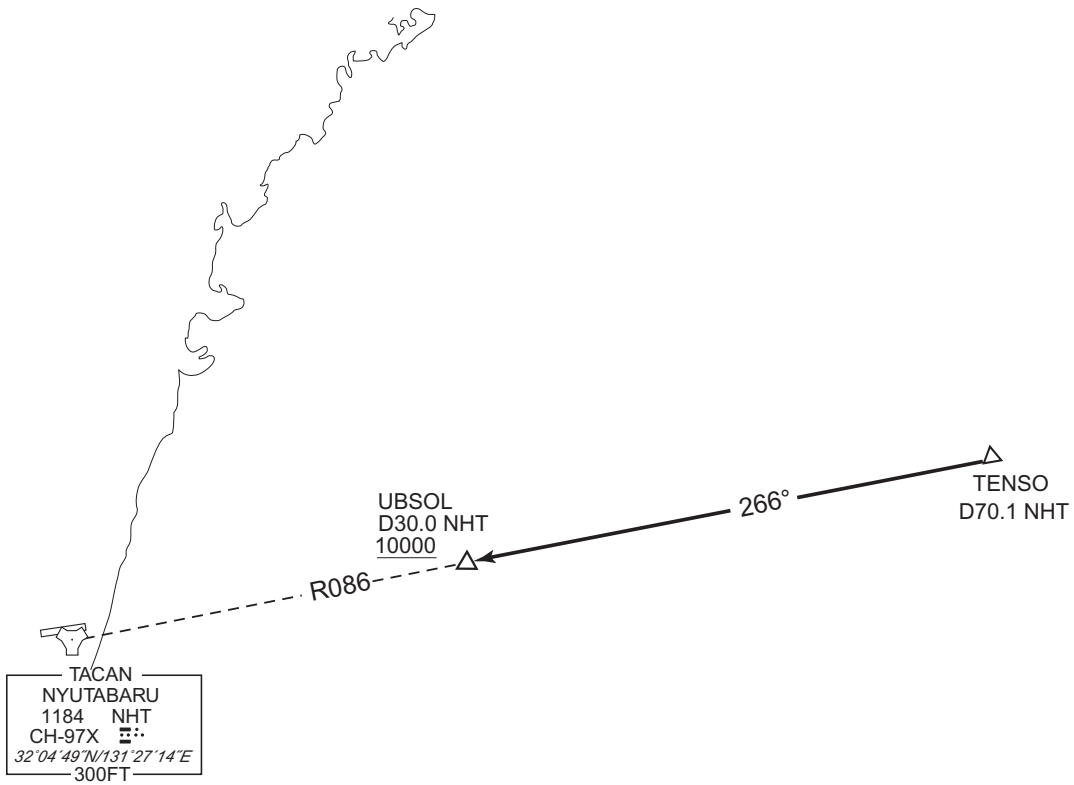
STANDARD ARRIVAL CHART-INSTRUMENT

RJFN / NYUTABARU

STAR

TENSO ARRIVAL

From over TENSO, via NHT R086 to UBSOL.
Cross UBSOL at or above 10000FT.



CHANGE : PROC course. UBSOL established. ALT restriction.

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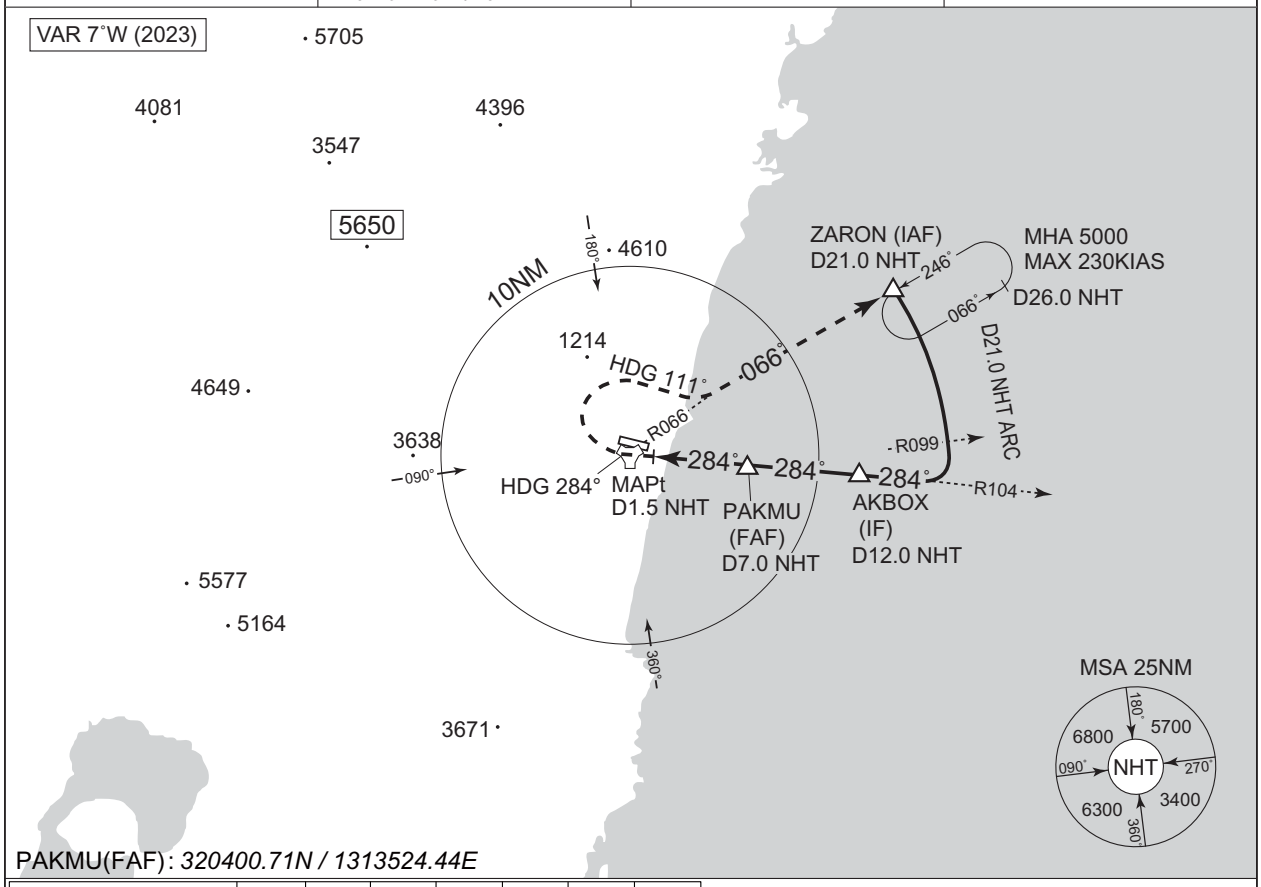
INSTRUMENT APPROACH CHART

RJFN / NYUTABARU

TACAN Z RWY28

KAGOSHIMA APP	NYUTABARU TACAN	NYUTA TOWER	GCA AVBL
121.4 - 362.3 120.9 - 261.2	1184 NHT CH-97X *32°04′49″N/131°27′14″E*	236.8 - 126.2 - 120.1 304.5 - 275.8G	CALL KAGOSHIMA APP



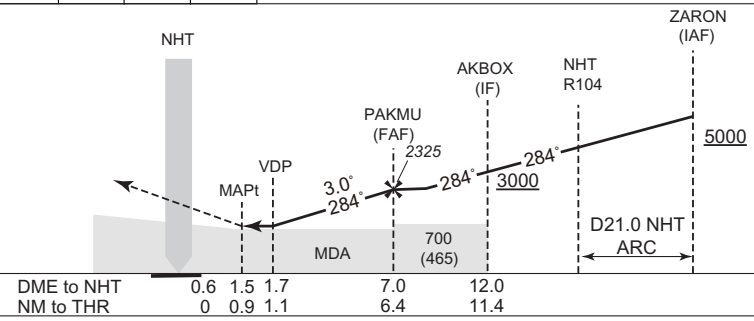
PAKMU(FAF): *320400.71N / 1313524.44E*

NM to NHT	MAPt	2	3	4	5	6	FAF
ALT (3.0° APCH Path)	-	733	1051	1370	1688	2006	2325

MISSED APPROACH

Climb to 700FT on HDG 284°,
turn right HDG 111° to intercept
and proceed via NHT R066 to
ZARON and hold at 5000FT.
Contact KAGOSHIMA APP.

Timing not authorized for defining the MAPt.



Missed APCH climb gradient MNM 3.0%

MINIMA THR elev. 235 AD elev. 259

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	630 (395)	1200	690 (431)	1600
B		1300	710 (451)	
C		1400	840 (581)	2400
D		1600		3200

MINIMA with Missed APCH climb gradient of 2.5% are not established.

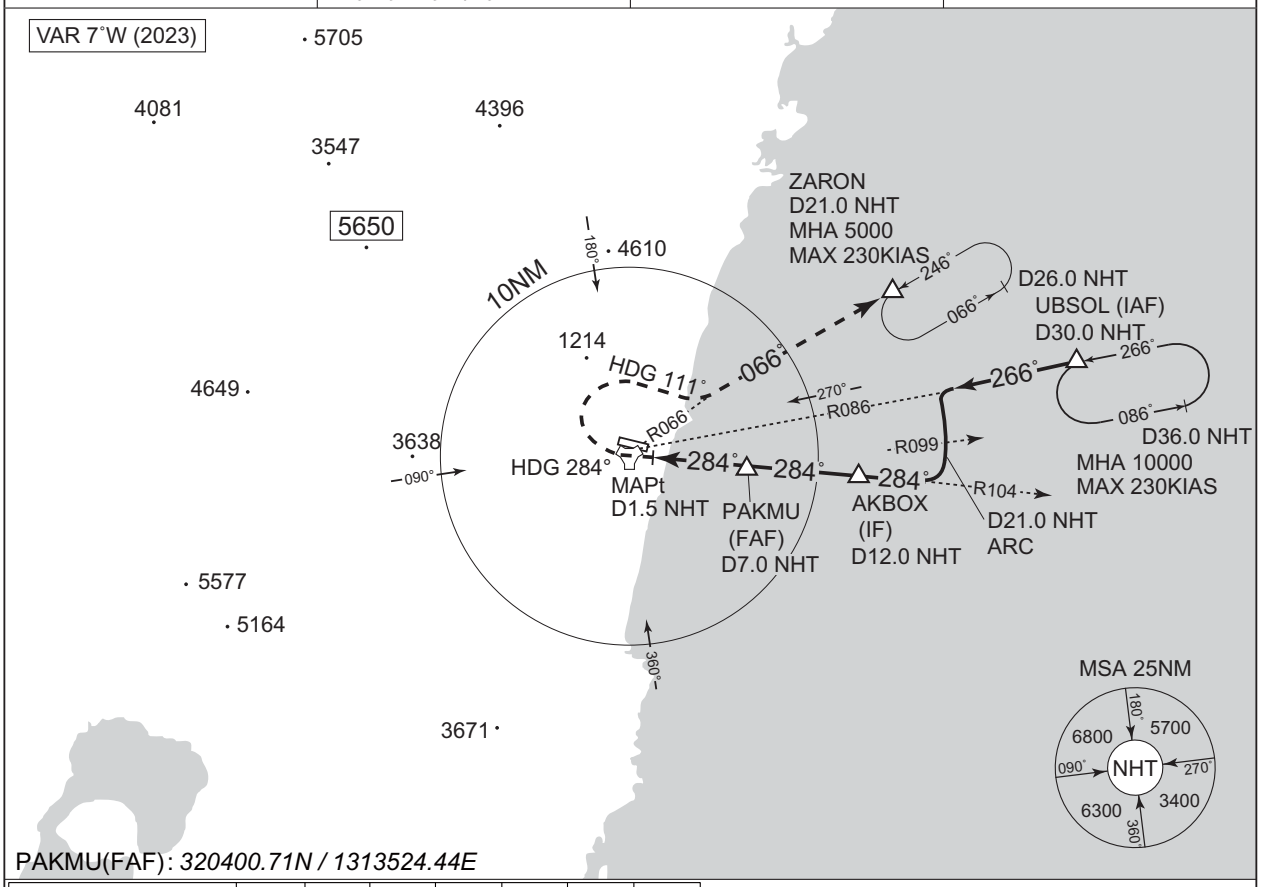
CHANGE : PROC course. Missed APCH course. MINIMA. PAKMU,AKBOX established. NM to THR. ALT(3.0°APCH Path), DME to NHT added.
Missed APCH climb gradient MNM added. VAR.

INSTRUMENT APPROACH CHART

RJFN / NYUTABARU

TACAN Y RWY28

KAGOSHIMA APP	NYUTABARU TACAN	NYUTA TOWER	GCA AVBL
121.4 - 362.3 120.9 - 261.2	1184 NHT CH-97X *32°04′49″N/131°27′14″E*	236.8 - 126.2 - 120.1 304.5 - 275.8G	CALL KAGOSHIMA APP



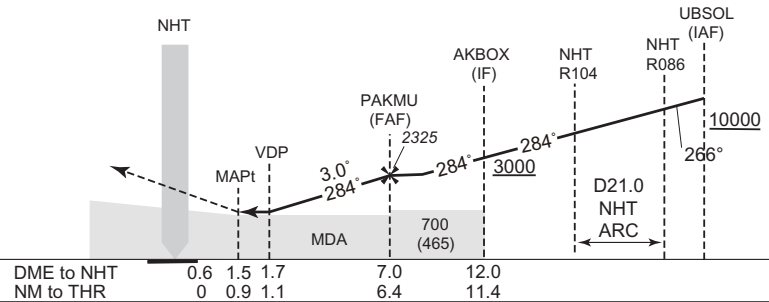
PAKMU(FAF): *320400.71N / 1313524.44E*

NM to NHT	MAPt	2	3	4	5	6	FAF
ALT (3.0° APCH Path)	-	733	1051	1370	1688	2006	2325

MISSED APPROACH

Climb to 700FT on HDG 284°, turn right HDG 111° to intercept and proceed via NHT R066 to ZARON and hold at 5000FT. Contact KAGOSHIMA APP.

Timing not authorized for defining the MAPt.



Missed APCH climb gradient MNM 3.0%

MINIMA THR elev. 235 AD elev. 259

CAT			CIRCLING	
	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	630 (395)	1200	690 (431)	1600
B		1300	710 (451)	
C		1400	840 (581)	2400
D		1600		3200

MINIMA with Missed APCH climb gradient of 2.5% are not established.

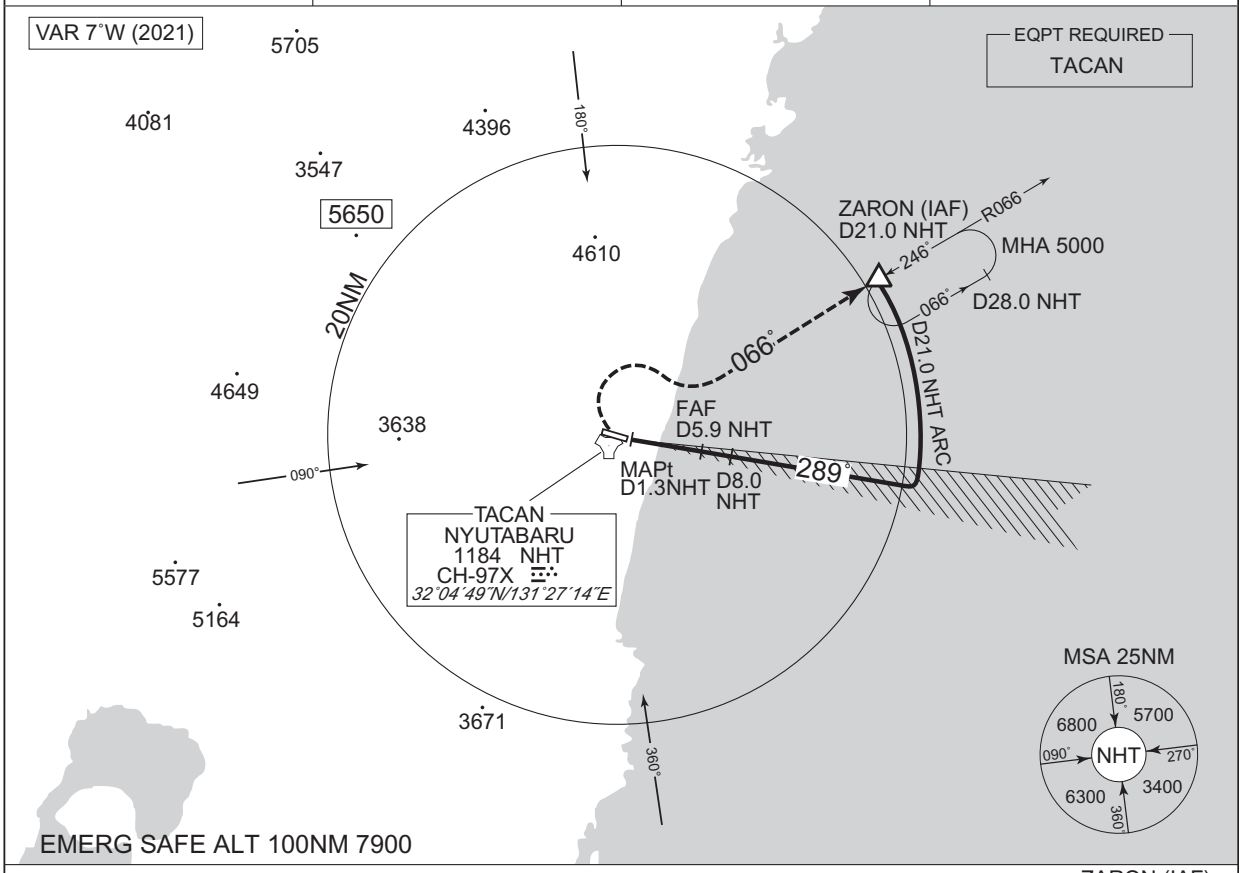
CHANGE : PROC course. Missed APCH course. MINIMA. UBSOL,PAKMU,AKBOX established. NM to THR. ALT(3.0°APCH Path), DME to NHT added. Missed APCH climb gradient MNM added. VAR.

INSTRUMENT APPROACH CHART

RJFN / NYUTABARU

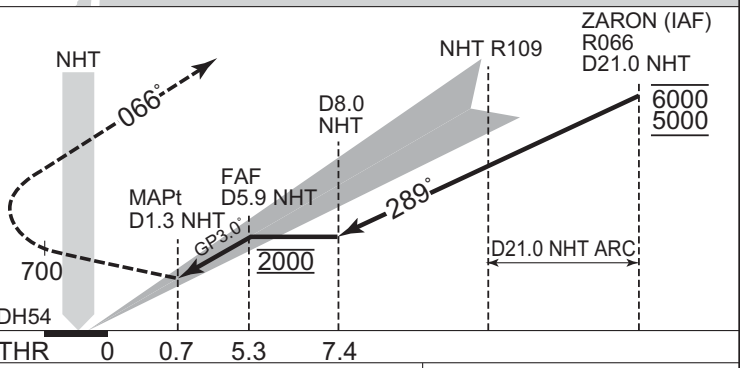
ILS Z or LOC Z RWY28

KAGOSHIMA APP	ILS - LOC	NYUTA TOWER	GCA AVBL
121.4 - 362.3 120.9 - 261.2	111.3 INH ILS-GP 332.3	236.8 - 126.2 -120.1 304.5 - 275.8G	CALL KAGOSHIMA APP



MISSED APPROACH

Climb to 700FT, turn right
climb via NHT TACAN R066 to
ZARON to 5000FT and hold.
Contact KAGOSHIMA APP.



MINIMA THR elev. 235 AD elev. 259

CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/CMV	MDA(H)	RVR/CMV	MDA(H)	VIS
A	435 (200)	750	660 (425)	1200	700 (441)	1600
B				1300	720 (461)	
C				1400		2400
D				1600	840 (581)	3200

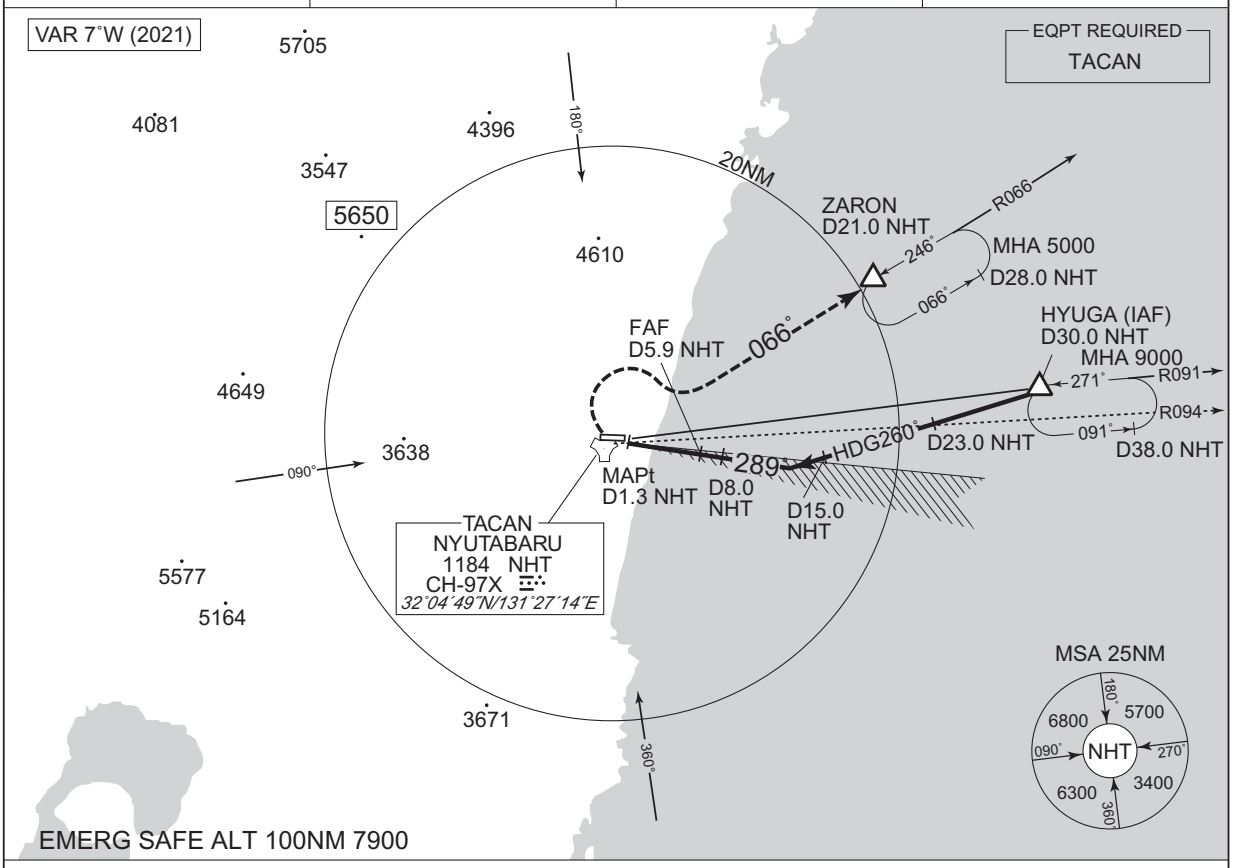
CHANGE : VAR. PROC renamed. EQPT REQUIRED added. PROC course. MISSED APPROACH course. MSA.
NM to THR added. MDA(H) for CIRCLING.

INSTRUMENT APPROACH CHART

CHANGE : VAR. PROC renamed. EQPT REQUIRED added. PROC course. MISSED APPROACH course. MSA.
NM to THR added. MDA(H) for CIRCLING.

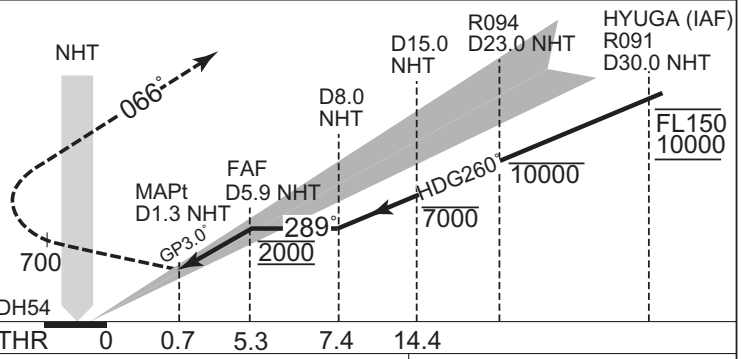
RJFN / NYUTABARU — ILS Y or LOC Y RWY28

KAGOSHIMA APP	ILS - LOC	NYUTA TOWER	GCA AVBL
121.4 - 362.3 120.9 - 261.2	111.3 INH ILS-GP 332.3	236.8 - 126.2 -120.1 304.5 - 275.8G	CALL KAGOSHIMA APP



MISSED APPROACH

Climb to 700FT, turn right
climb via NHT TACAN R066 to
ZARON to 5000FT and hold.
Contact KAGOSHIMA APP.



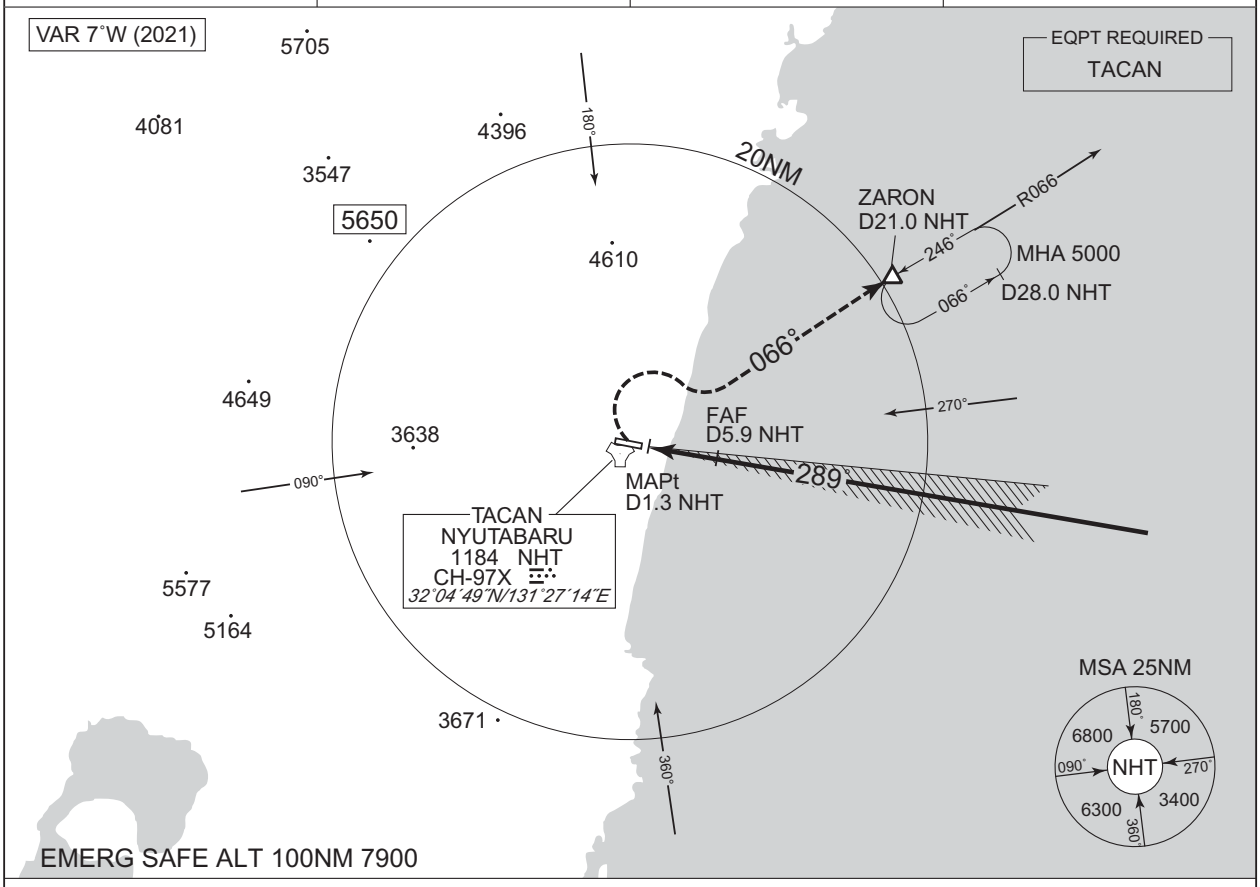
MINIMA — THR elev. 235 — AD elev. 259

CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	435 (200)	750	660 (425)	1200	700 (441)	1600
B				1300	720 (461)	
C				1400		2400
D				1600	840 (581)	3200

INSTRUMENT APPROACH CHART

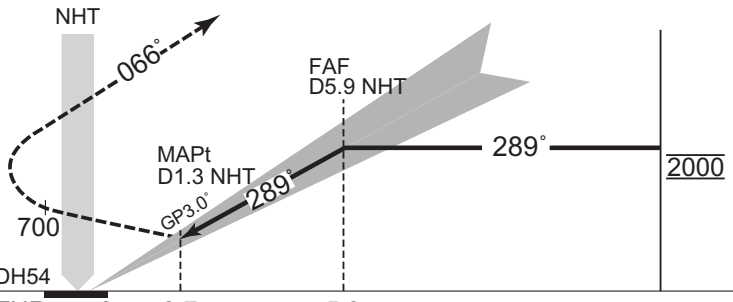
RJFN / NYUTABARU — ILS X or LOC X RWY28

KAGOSHIMA APP	ILS - LOC	NYUTA TOWER	GCA AVBL
121.4 - 362.3 120.9 - 261.2	111.3 INH ILS-GP 332.3	236.8 - 126.2 -120.1 304.5 - 275.8G	CALL KAGOSHIMA APP



MISSED APPROACH

Climb to 700FT, turn right
climb via NHT TACAN R066 to
ZARON to 5000FT and hold.
Contact KAGOSHIMA APP.



MINIMA — THR elev. 235 — AD elev. 259

CAT	CAT I		LOC		CIRCLING	
	DA(H)	RVR/ CMV	MDA(H)	RVR/ CMV	MDA(H)	VIS
A	435 (200)	750	660 (425)	1200	700 (441)	1600
B				1300	720 (461)	
C				1400		2400
D				1600	860 (601)	3200

CHANGE : MDA(H) for circling.