AD 2 AERODROMES

RJAZ AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJAZ - KOZUSHIMA

RJAZ AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	*341122N 1390801E* 0.4km from RWY 11 THR
2	Direction and distance from (city)	1.7km S from Kozushima village office
3	Elevation/ Reference temperature	454 FT / 28°C (2004-2008)
4	Geoid undulation at AD ELEV PSN	134ft
5	MAG VAR/ Annual change	6° W / -
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	Tokyo Municipal Govt. Kinnaga Kozushima-mura Tokyo Tel 04992-8-1311 Fax 04992-8-1313
7	Types of traffic permitted(IFR/VFR)	IFR/VFR
8	Remarks	Nil

RJAZ AD 2.3 OPERATIONAL HOURS

1	AD Administration	2330-0815 [2330 20th APR - 0815 10th MAY, 2330 15th JUL - 0815 31st AUG] 2330-0730 [2330 31st AUG - 0730 20th APR, 2330 10th MAY - 0730 15th JUL]
2	Customs and immigration	On request Customs: 03-3599-6214 Immigration: 03-5796-7250
3	Health and sanitation	Quarantine(human): On request(03-3599-1515) Quarantine(animal, plant): Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (TOKYO)
7	ATS	2330-0815 [2330 20th APR - 0815 10th MAY, 2330 15th JUL - 0815 31st AUG] 2330-0730 [2330 31st AUG - 0730 20th APR, 2330 10th MAY - 0730 15th JUL] Remarks :AFIS provided by Tokyo Airport Office.
8	Fuelling	2330-0815 [2330 20th APR - 0815 10th MAY, 2330 15th JUL - 0815 31st AUG] 2330-0730 [2330 31st AUG - 0730 20th APR, 2330 10th MAY - 0730 15th JUL] (On request)
9	Handling	2330-0815 [2330 20th APR - 0815 10th MAY, 2330 15th JUL - 0815 31st AUG] 2330-0730 [2330 31st AUG - 0730 20th APR, 2330 10th MAY - 0730 15th JUL]
10	Security	2330-0815 [2330 20th APR - 0815 10th MAY, 2330 15th JUL - 0815 31st AUG] 2330-0730 [2330 31st AUG - 0730 20th APR, 2330 10th MAY - 0730 15th JUL]
11	De-icing	Nil
12	Remarks	Nil

RJAZ AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Nil
2	Fuel/ oil types	Fuel : JET A-1
3	Fuelling facilities/ capacity	Fuel tank
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

RJAZ 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

RJAZ AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

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

RJAZ AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	Not applicable
2	Clearance priorities	Nil
3	Remarks	Nil

RJAZ AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	SURFACE : Asphalt concrete STRENGTH : PCN 6/F/C/Y/T
2	Taxiway width, surface and strength	WIDTH : 9m SURFACE : Asphalt concrete STRENGTH : PCN 6/F/C/Y/T
3	ACL and elevation	Not available
4	VOR checkpoints	Not available
5	INS checkpoints	Spot NR 1: *341123.79N 1390802.71E* 2: *341123.57N 1390803.68E* 3: *341123.36N 1390804.62E*
6	Remarks	Nil

RJAZ AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and Visual dock-ing/ parking guidance system of aircraft stands	Nil
2	RWY and TWY markings and LGT	RWY: RWY 11/29 (Marking) RWY designation, RWY CL, RWY middle point, RWY side stripe, RWY THR, TDZ, Aiming point TWY : (Marking) TWY CL, TWY side stripe, RWY HLDG PSN
3	Stop bars	Nil
4	Remarks	(Marking) Overrun area

RJAZ AD 2.10 AERODROME OBSTACLES

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

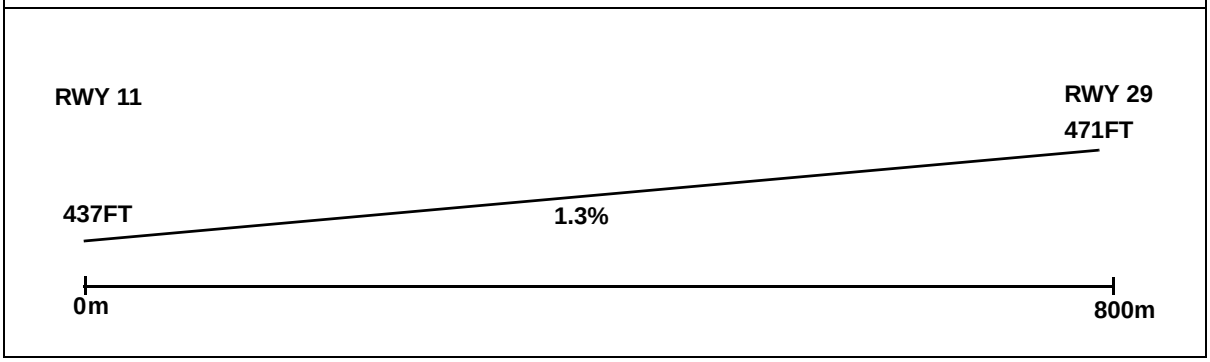
RJAZ AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	TOKYO
2	Hours of service MET Office outside hours	H24(TOKYO)
3	Office responsible for TAF preparation Periods of validity	Nil
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Briefing is available upon inquiry at TOKYO
6	Flight documentation Language(s) used	C En
7	Charts and other information available for briefing or consultation	S_6, U_{85}, U_7, U_5, U_3, U_{25}, U_2/Tr, P_S, P_5, P_3, P_{25}, P_{SWE}, P_{SWF}, P_{SWG}, P_{SWI}, P_{SWM}, P_{SW}(domestic), E, C, W_E, W_F, W_G, W_I, W, N
8	Supplementary equipment available for providing information	Nil
9	ATS units provided with information	RADIO
10	Additional information(limitation of service, etc.)	Nil

RJAZ 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
11	105.11°	800×25	PCN 6/F/C/Y/T Asphalt Concrete	*341125.37N* *1390745.48E*	THR ELEV: 437FT
29	285.11°	800×25	PCN 6/F/C/Y/T Asphalt Concrete	*341118.61N* *1390815.65E*	THR ELEV: 471FT

Slope of RWY	Strip Dimensions(M)	RESA(Overrun) Dimensions(M)	Remarks
7	10	11	14
See Below Figure	920×60 920×60	40×60 40×60	RWY Grooving: 800m×17m



RJAZ AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
11 29	800 800	800 800	800 800	800 800	Nil Nil

RJAZ 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
11	Nil	Nil	PAPI 3.0° /LEFT 83m 18FT	Nil	Nil	Nil	Nil	Nil
29	Nil	Nil	PAPI 3.0° /LEFT 145m 18FT	Nil	Nil	Nil	Nil	Nil
Remarks								
10								
RWY THR ID LGT for RWY 11/29 THR (Color : White)								

RJAZ AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	Nil
2	LDI location and LGT Anemometer location and LGT	Anemometer : RWY 11 : 84m from RWY 11 THR, LGTD RWY 29 : 90m from RWY 29 THR, LGTD
3	TWY edge and center line lighting	Nil
4	Secondary power supply/ switch-over time	Nil
5	Remarks	Nil

RJAZ AD 2.16 HELICOPTER LANDING AREA

Nil

RJAZ 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
KOZUSHIMA INFORMATION ZONE	Area within a radius of 5nm(9km) of KOZUSHIMA ARP	3000 or below	E	Izu Radio En	

RJAZ AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
AFIS	Izu Radio	124.3MHz	2330-0815 [2330 20th APR - 0815 10th MAY, 2330 15th JUL - 0815 31st AUG] 2330-0730 [2330 31st AUG - 0730 20th APR, 2330 10th MAY - 0730 15th JUL]	Operated by Tokyo Airport Office

RJAZ AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid (VOR declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
TACAN	NJT	1199MHz (CH-112X)	H24	*342051.99N / 1391618.43E*	994ft	TACAN Unusable: 000°-020° beyond 25NM BLW 5000ft 040°-100° beyond 35NM BLW 3000ft 170°-180° beyond 35NM BLW 3000ft 220°-230° beyond 25NM BLW 4000ft 300°-310° beyond 30NM BLW 3000ft
MSAS		1575.42MHz	H24			Transmitting antennas are satellite based.

RJAZ 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

RJAZ AD 2.21 NOISE ABATEMENT PROCEDURES

Nil

RJAZ AD 2.22 FLIGHT PROCEDURES

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	11	A,B	-	-	-	200-2400m	-	200-2400m
	29	A,B	-	-	-	0-400m	-	0-500m
OTHER	11	A,B	AVBL LDG MINIMA					
	29	A,B						

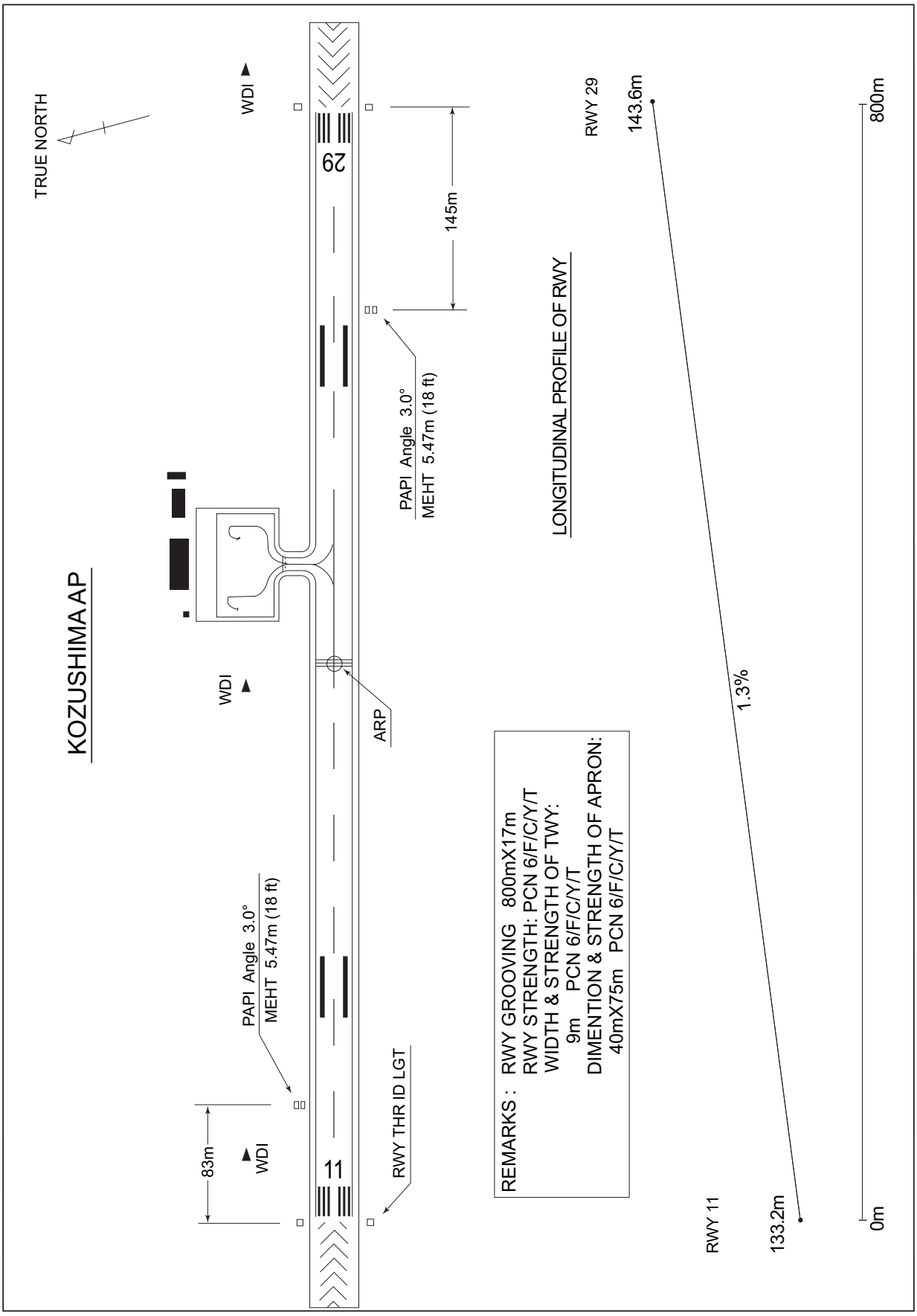
RJAZ AD 2.23 ADDITIONAL INFORMATION

Nil

RJAZ AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
Standard Departure Chart - Instrument (KOZU-RNAV)
Instrument Approach Chart (RNAV(GNSS) RWY11)
Instrument Approach Chart (RNAV(GNSS) RWY29)
Other Chart (Visual REP)
Other Chart (MVA Chart)

RJAZ / KOZUSHIMA AD CHART



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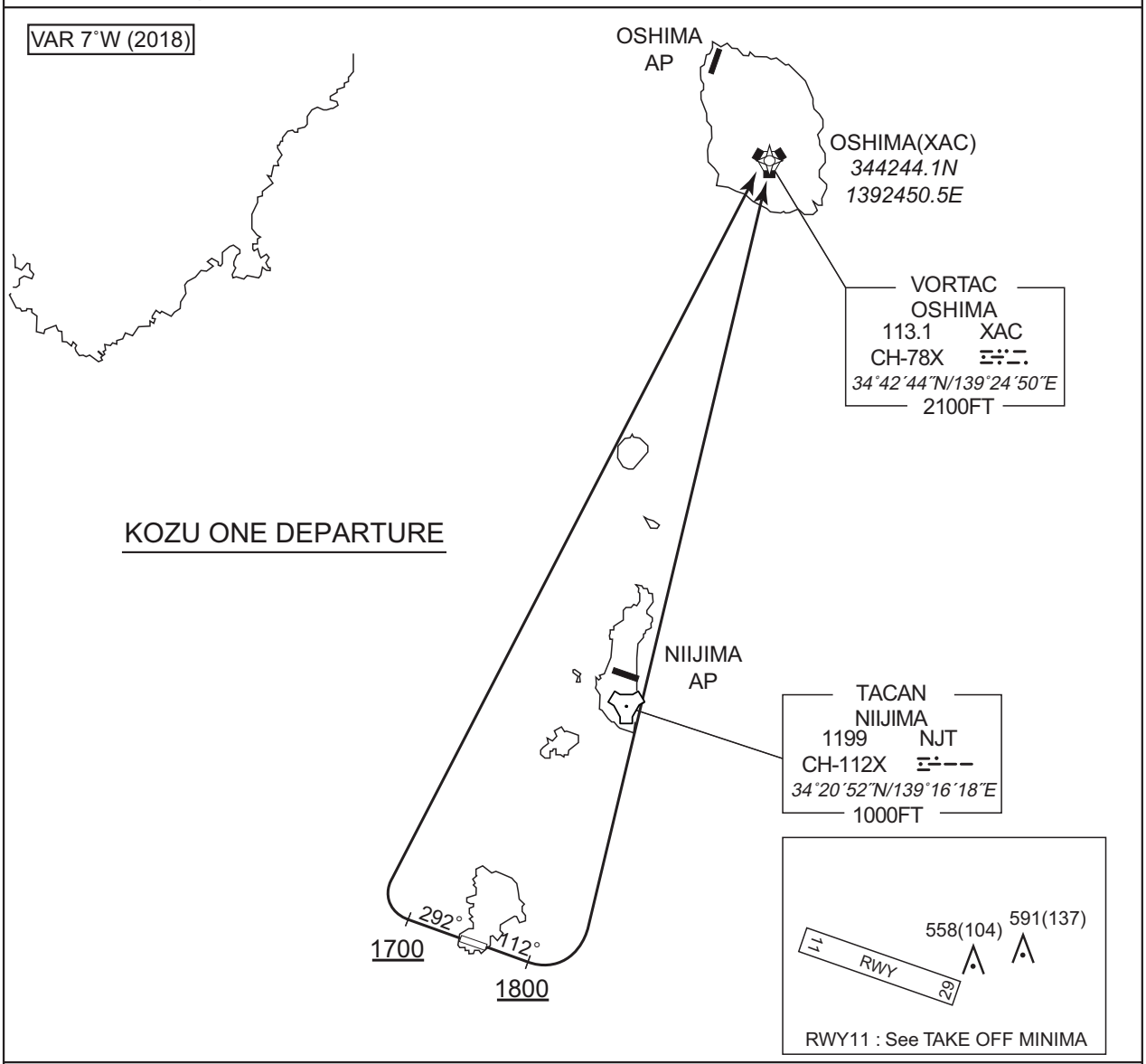
STANDARD DEPARTURE CHART-INSTRUMENT

RJAZ / KOZUSHIMA

RNAV SID

KOZU ONE DEPARTURE	Basic RNP1

Note GNSS required.



KOZU ONE DEPARTURE

RWY11 : Climb on HDG112˚ at or above 1800FT, turn left direct to XAC.
RWY29 : Climb on HDG292˚ at or above 1700FT, turn right direct to XAC.

NOTE RWY11 : 5.0% climb gradient required up to 2100FT.
OBST ALT 1903FT located 1.9NM 042˚ FM end of RWY11.

NOTE RWY29 : 5.0% climb gradient required up to 2200FT.
OBST ALT 1969FT located 2.1NM 041˚ FM end of RWY29.

CHANGE : New PROC

STANDARD DEPARTURE CHART-INSTRUMENT

RJAZ / KOZUSHIMA RNAV SID

KOZU ONE DEPARTURE

RWY11

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	–	–	112 (105.2)	-7.1	–	–	+1800	–	–	Basic RNP1
002	DF	XAC	–	–	-7.1	–	L	–	–	–	Basic RNP1

RWY29

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	–	–	292 (285.2)	-7.1	–	–	+1700	–	–	Basic RNP1
002	DF	XAC	–	–	-7.1	–	R	–	–	–	Basic RNP1

CHANGE : New PROC

INSTRUMENT APPROACH CHART

RJAZ / KOZUSHIMA

RNAV (GNSS) RWY11

TOKYO CONTROL 133.7 – 133.35 309.4 – 312.0	1. DME/DME RNP0.3 not authorized. 2. RNP 0.3 required. 3. GNSS required. For E/TSO-C129( ) sensor, contingency means required, such as IRU.	IZU RADIO 124.3 AFIS provided by Tokyo Airport Office	NO RADAR

Baro-VNAV not authorized

VAR 7˚W(2014)

MSA 25NM

3800

ARP

ARP : *341122N / 1390801E*

KOUGA (IAF/MAHF)	*342053.16N 1391616.51E*
SENOL	*342058.63N 1390130.90E*
AZ150 (IF)	*341546.36N 1385753.56E*
ONBAS (FAF)	*341316.01N 1390306.88E*
AZ151 (MAPt)	*341145.69N 1390614.73E*
AZ152 (MATF)	*340907.71N 1391146.77E*

KOUGA (IAF/MAHF)

SENOL

12.2 277˚ (270.5˚T)

6.0 217˚ (209.9˚T)

AZ150 (IF)

5.0 127˚ (120.1˚T)

ONBAS (FAF)

3.0 127˚ (120.2˚T)

AZ151 (MAPt)

AZ152 (MATF)

1876

1047

270˚

090˚

360˚

10NM

Final approach course OFFSET 14.7˚

VORTAC OSHIMA
113.1 XAC
CH–78X
34˚42´44˚N/139˚24´50˚E

R205˚

205˚

025˚

19.0 XAC

KOUGA D23.0 XAC

MHA 5000
MAX 170KIAS

NM to Next Fix	FAF	2	1	MAPt
ALT (3.0˚ APCH Path)	1856	1538	1219	–

MISSED APROACH

Climb direct to AZ152, turn left, direct to KOUGA and hold at 5000FT. Contact IZU RADIO.

KOUGA (IAF) 5000 — 277˚ — SENOL — 217˚ — AZ150 (IF) — 127˚ — ONBAS (FAF) — 3.0˚ 127˚ — VDP — AZ151 (MAPt)

VDP
CAT-A 0.2NM to MAPt
CAT-B 0.4NM to MAPt

1856

2200 | 1200 | 1000 (563) | MDA

9.3 | 4.3 | 1.3 | 0 NM to THR

Missed APCH climb gradient MNM 5.0%

MINIMA THR elev. 437 AD elev. 454

CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	Not applicable	–	910 (473)	1500	910 (456)	1600
B			960 (523)		960 (506)	
C			–	–	–	–
D						

Circling to SOUTH side of RWY only.
MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

INSTRUMENT APPROACH CHART

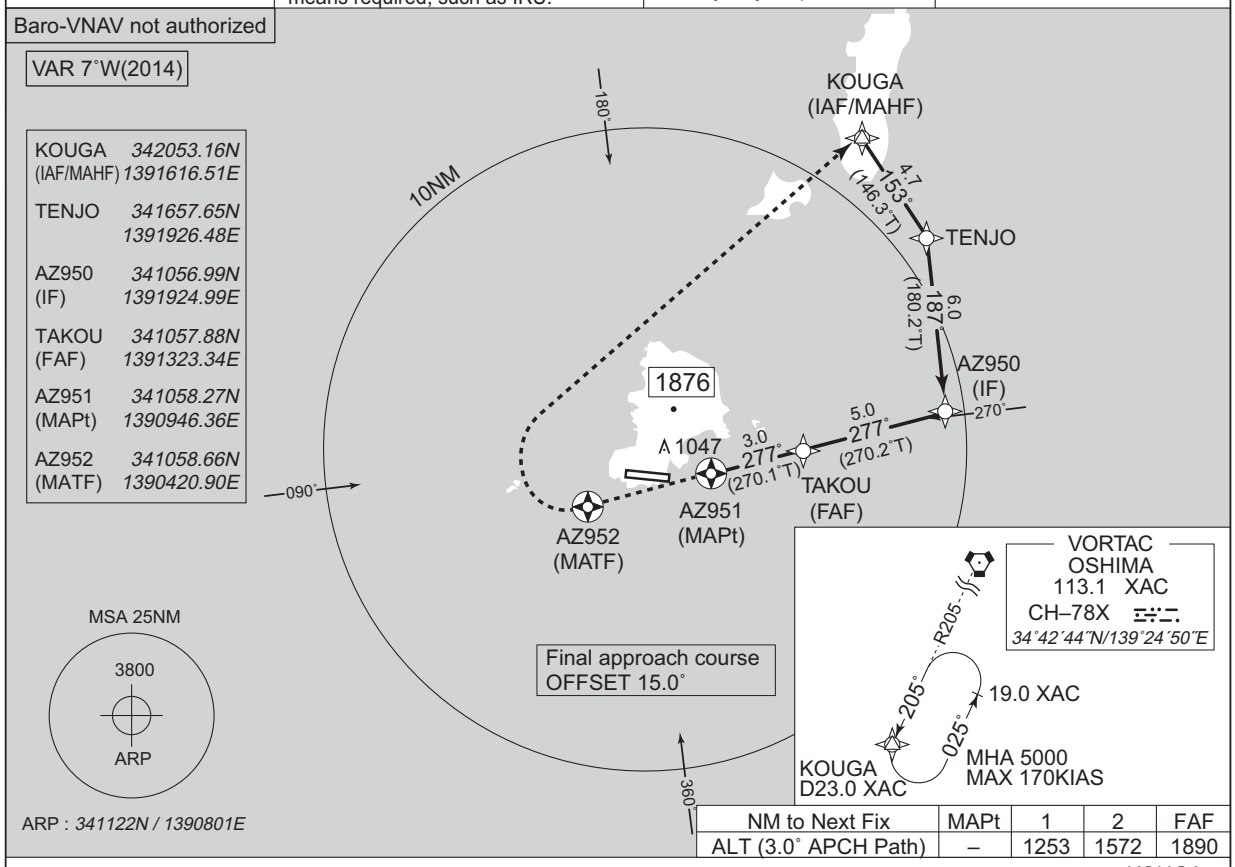
RJAZ / KOZUSHIMA — RNAV (GNSS) RWY29

TOKYO CONTROL		IZU RADIO	NO RADAR
133.7 – 133.35 309.4 – 312.0	1. DME/DME RNP0.3 not authorized. 2. RNP 0.3 required. 3. GNSS required. For E/TSO-C129( ) sensor, contingency means required, such as IRU.	124.3 AFIS provided by Tokyo Airport Office	

Baro-VNAV not authorized

VAR 7˚W(2014)

KOUGA (IAF/MAHF)	342053.16N	1391616.51E
TENJO	341657.65N	1391926.48E
AZ950 (IF)	341056.99N	1391924.99E
TAKOU (FAF)	341057.88N	1391323.34E
AZ951 (MAPt)	341058.27N	1390946.36E
AZ952 (MATF)	341058.66N	1390420.90E

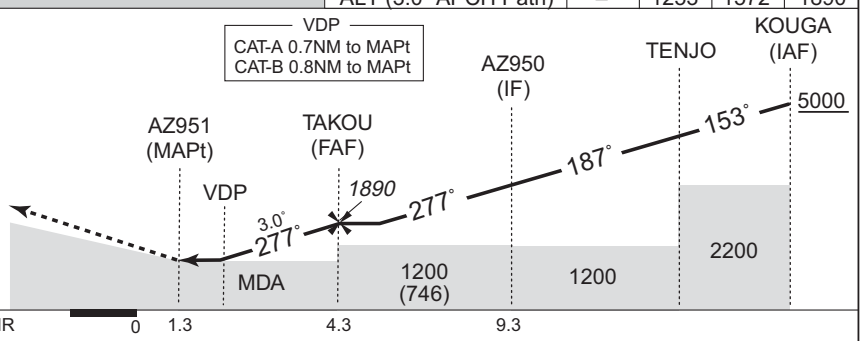


ARP : *341122N / 1390801E*

NM to Next Fix	MAPt	1	2	FAF
ALT (3.0˚ APCH Path)	–	1253	1572	1890

MISSED APROACH

Climb direct to AZ952,
turn right, direct to KOUGA
and hold at 5000FT.
Contact IZU RADIO.



Missed APCH climb gradient MNM 3.0%

MINIMA THR elev. 471 AD elev. 454

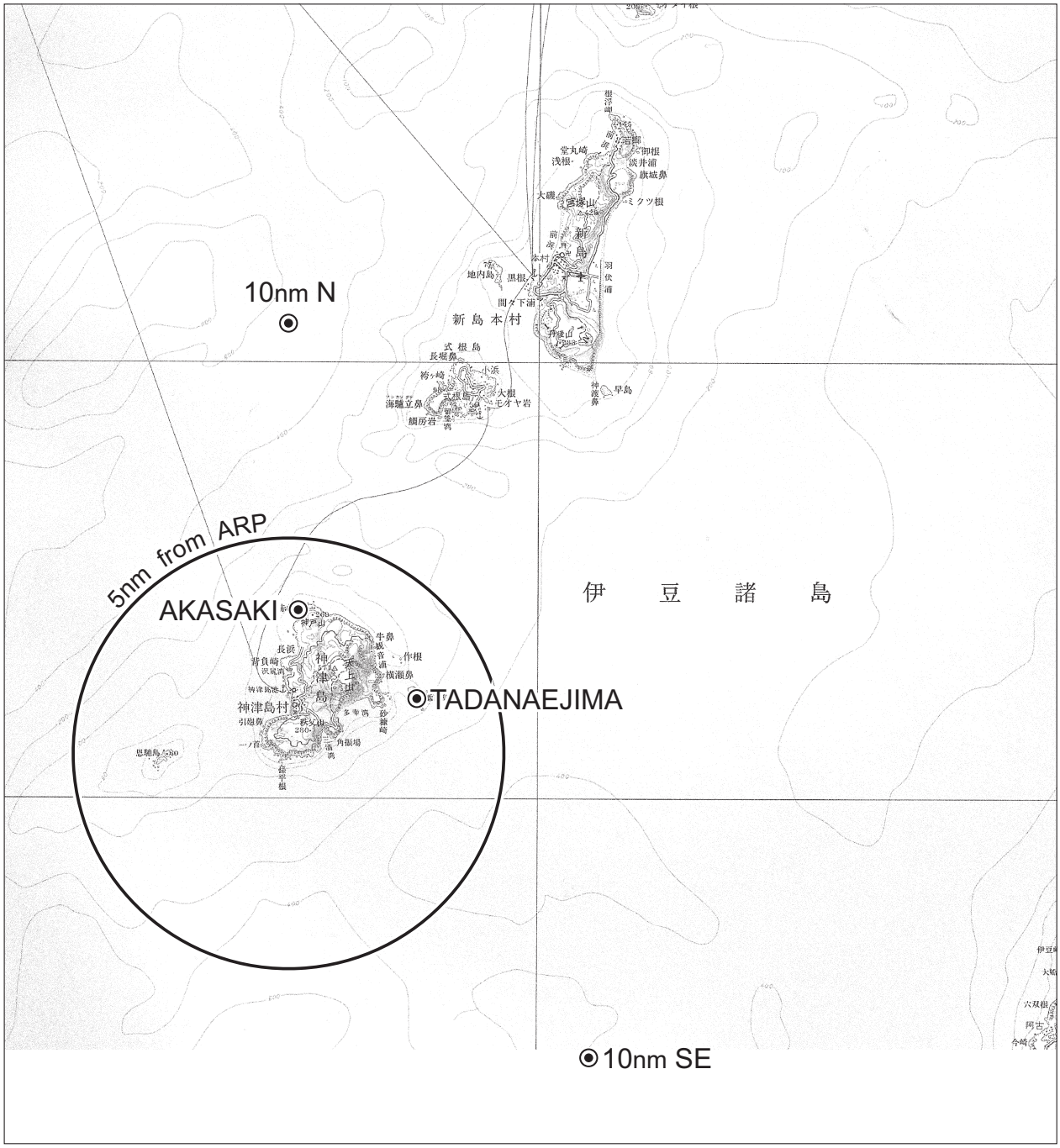
CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	Not applicable	–	1090 (636)	1500	1090 (636)	1600
B			1110 (656)		1110 (656)	
C			–	–	–	–
D						

Circling to SOUTH side of RWY only.
MINIMA with Missed APCH climb gradient of 2.5% are not established.

CHANGE : Call sign(REMOTE→RADIO). AFIS unit added.

RJAZ / KOZUSHIMA

Visual REP

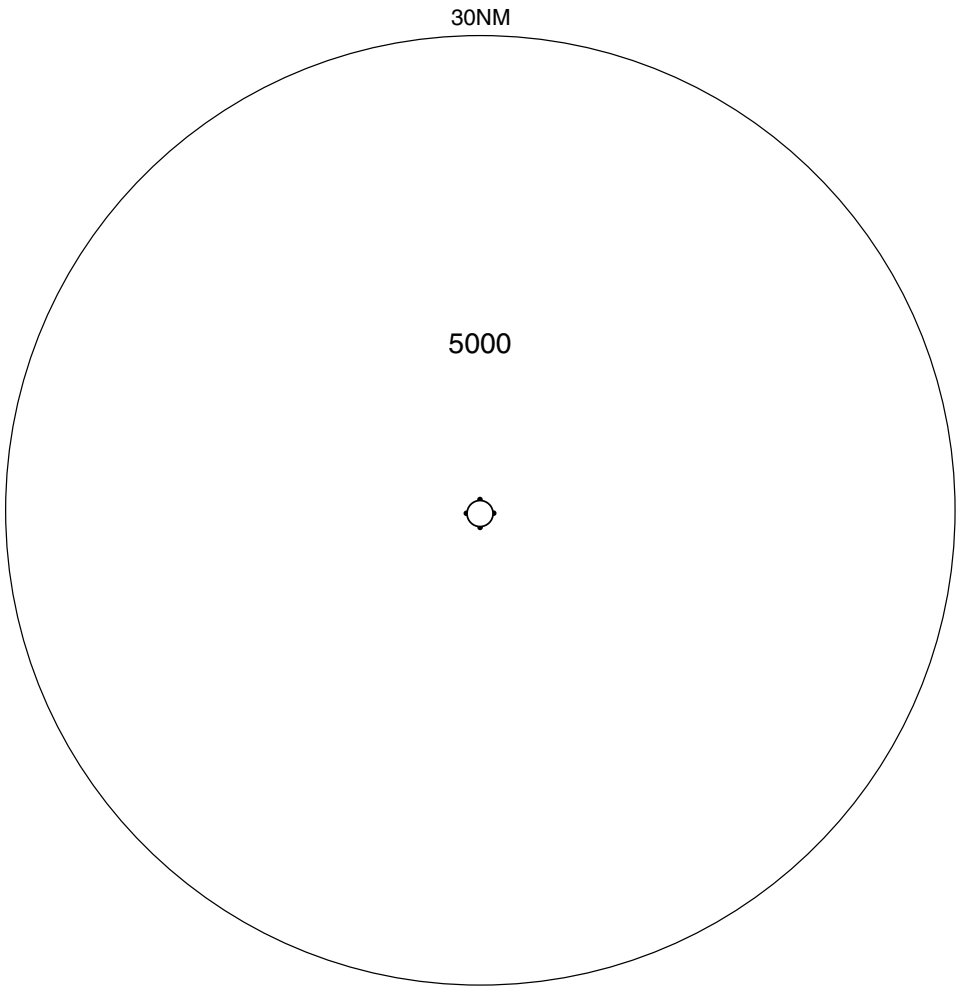


CHANGE : Call sign(REMOTE→RADIO).

Call sign	BRG / DIST from ARP	Remarks
10NM N	360°/10.0NM	海上 Over the sea
赤　　崎 Akasaki	009°/ 3.1NM	岬 Cape
祇　苗　島 Tadanaejima	076°/ 3.1NM	島 Island
10NM SE	135°/10.0NM	海上 Over the sea

Call IZU RADIO on 124.3MHz

RJAZ / KOZUSHIMA Minimum Vectoring Altitude CHART



CENTER : *341122N/1390801E* (ARP)