AD 2 AERODROMES

RJOI AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RJOI - IWAKUNI

RJOI AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	*340842N/1321449E* 196° / 1.2km from RWY 20 THR
2	Direction and distance from (city)	1.3nm SE of Iwakuni Railway Station
3	Elevation/ Reference temperature	10ft (3m) / 30.5°C (87°F)
4	Geoid undulation at AD ELEV PSN	105ft
5	MAG VAR/ Annual change	6.6°W(2008) / 0.0°W
6	AD Administration, address, telephone, telefax, telex, AFS, e-mail and/or Web-site addresses	U.S. Military : Marine Corps Air Station (MCAS) Operations Department PSC 561 Box 1876 FPO, AP 96310-0019 (0827) 79-5501 Operations Department, BOX 1876 Iwakuni Kokukichi Misumi-cho, Kanyuchi, 1-chome Iwakuni-city, Yamaguchi 740-0025 (0827) 79-5501
7	Types of traffic permitted (IFR/VFR)	IFR / VFR
8	Remarks	Iwakuni Airport Office(Civil Aviation Bureau) 3-15-2, Asahimachi , Iwakuni, Yamaguchi Pref Tel : 0827-24-8221,8224

RJOI AD 2.3 OPERATIONAL HOURS

1	AD Administration	2230-0730 MON-FRI (CIV 2230-1330 MON-SUN)
2	Customs and immigration	On request Customs: 0827-21-7138 Immigration: 0834-21-1329
3	Health and sanitation	Quarantine(human): On request(0834-21-1091) Quarantine(animal, plant): Nil
4	AIS Briefing Office	Nil
5	ATS Reporting Office(ARO)	Nil
6	MET Briefing Office	H24 (FUKUOKA)
7	ATS	APPROACH CONTROL 2130-1400 (MON-SUN) Other time by PPR TOWER 2130-1400 (MON-SUN) Other time by PPR
8	Fuelling	U.S. Military and U.S. DOD contracted aircraft only
9	Handling	To be issued as required
10	Security	H24
11	De-icing	Nil
12	Remarks	72HR PPR for all flights outside of published AD hours HR of service at CAB OPS section 2230-1330

RJOI AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	U.S. Military and U.S. DOD charter aircraft
2	Fuel/ oil types	JP-5 (for U.S. Military and U.S. DOD charter aircraft) JET A-1(for Civil ACFT)
3	Fuelling facilities/ capacity	U.S. Military and U.S. DOD charter aircraft Fuel truck refueling(for Civil ACFT)
4	De-icing facilities	Nil
5	Hangar space for visiting aircraft	Nil
6	Repair facilities for visiting aircraft	Nil
7	Remarks	For non U.S. Military aircraft handling services and facilities contact Civil Commercial Airport authorities for information.

RJOI AD 2.5 PASSENGER FACILITIES

1	Hotels	In Iwakuni City
2	Restaurants	In Iwakuni City
3	Transportation	Bus and taxi
4	Medical facilities	In Iwakuni City
5	Bank and Post Office	In Iwakuni City
6	Tourist Office	Nil
7	Remarks	Nil

RJOI AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	ICAO CAT 8
2	Rescue equipment	USMC: ARFF foam / Chemical fire fighting truck x 6, Rescue truck w/lighting x 2, Incident command vehicle x 1, Water re-supply tanker x 2 JSDF-M: ARFF foam / Chemical fire fighting truck x 2 CAB: Emergency medical equipments conveyance truck x 1, Lightning power supply truck x 1
3	Capability for removal of disabled aircraft	Nil
4	Remarks	H24; Emergency ARFF(Aircraft Rescue Fire Fighting) Dispatch (0827) 79-3211

RJOI AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	Nil
2	Clearance priorities	Nil
3	Remarks	Any contaminants on runway center lines, landing strips and lighting aids shall be removed as and when necessary so as to provide good contact with the runway.

RJOI AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Visiting Aircraft Ramp (VAL) Surface: Concrete Strength: PCN 76/R/C/W/T Civil Apron: Surface: Cement Concrete, Strength: PCR 1074/R/C/W/T
2	Taxiway width, surface and strength	TWY: A, A1, A2, A3, A4, B, B1, B2, B3, B4, B5, E, F, G Width: 23m (75ft) Surface: Concrete Strength: PCN 65/R/B/W/T Civil Airport Connecting TWY H Width: 23m (75ft) Surface: Cement Concrete, Strength: PCR 1074/R/C/W/T Surface: Asphalt Concrete, Strength: PCR 765/F/B/X/T TWY: C Width: 45m (150ft) Surface: Concrete Strength: PCN 76/R/C/W/T TWY: All other TWY Width: 23m (75ft) Surface: Concrete Strength: To be issued later
3	ACL and elevation	Not available
4	VOR checkpoints	Nil
5	INS checkpoints	Spot NR 1: *340943.49N 1321358.92E* (for nose-in and push-back) : *340943.38N 1321359.57E* (for power-in and power-out) 2: *340941.23N 1321359.71E*
6	Remarks	ARST E-28 installed on TWY A; 914m from TWY south end, in emergency situations, when the RWY is not available, VFR landings of aircraft with wing-spans of 40m or less may conducted

RJOI 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	Aircraft stand taxi lane : See AD2.24
2	RWY and TWY markings and LGT	RWY: RWY02/20 (Marking): RWY designation, RWY CL, RWY THR, RWY THR stripe, Fixed DIST, TDZ, RWY side stripe, RWY lead-on/lead-off lines, RWY shoulder Other: simulated carrier deck, RWY AG cable disks (LGT): RTHL, REDL, RENL, RWY DIST marker LGT, Arresting gear marker(AGM) Other LGT: Simulated carrier deck LGT(CDL) TWY:ALL TWY (Marking): TWY CL, TWY side stripe, Shoulder marking, Intermediate HLSD PSN, INST hold, RWY HLDG PSN, RWY mandatory hold surface painted sign, mandatory instruction marking Other Marking: Helicopter landing spot markings (LGT): TWY edge LGT, TWY end, TWY entrance, Taxiing Guidance Sign, RWY guard LGT(elev WIG-WAG) TWY: H (LGT):TWY CL LGT, TWY edge LGT, Taxiing Guidance Sign
3	Stop bars	Nil
4	Remarks	(LGT): APN flood LGT, WDI inset simulated carrier deck LGT (CDL) 97.5m from THR RWY 02 LEFT of RWY CL

RJOI AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas

RWY/ Area affected	Obstacle type	Coordinates	Elevation	Markings/ LGT	Remarks
RWY 02	Water Pump House	*340933.70N/1321453.12E*	50ft		345°/1277ft FM DER
RWY 02	Incineration Facility	*341008.40N/1321451.61E*	90ft		355°/0.8NM FM DER
RWY 02	Tower	*340940.61N/1321400.67E*	168ft	Markings/ LGTD	293°/0.85NM FM DER
RWY 20	Tower	*340754.48N/1321342.17E*	168ft	Markings/ LGTD	262°/0.83NM FM DER
RWY 20	Port Crane	*340753.40N/1321500.40E*	198ft		119°/1830ft FM DER

In circling area and at AD

Obstacle type	Coordinates	Elevation	Markings/ LGT	Remarks
Terrain	*341324.89N/1322443.13E*	1778ft		060°/9.5NM FM ARP
Terrain	*340935.89N/1322359.24E*	1509ft		083°/7.7NM FM ARP
Terrain	*341134N/1321829E*	670ft		047°/4.2NM FM ARP
Terrain	*340717.22N/1321851.08E*	335ft	- / LGTD	113°/3.63NM FM ARP

RJOI AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

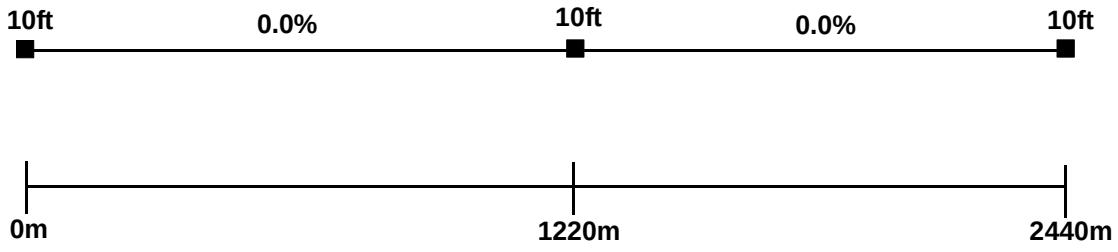
1	Associated MET Office	FUKUOKA
2	Hours of service MET Office outside hours	H24 (FUKUOKA)
3	Office responsible for TAF preparation Periods of validity	Nil
4	Trend forecast Interval of issuance	Nil
5	Briefing/ consultation provided	Briefing is available upon inquiry at FUKUOKA
6	Flight documentation Language(s) 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/T_r, 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	TWR, APP, ATIS
10	Additional information (limitation of service, etc.)	Observation is made by Marine Corps Air Station

RJOI 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
02	009.2°	2440×60	PCN 65/R/B/W/T Concrete	*340802.616N* *1321441.524E* 32m	THR ELEV: 10.4ft (3m) TDZ ELEV: 10.41ft (3m)
20	189.2°	2440×60	PCN 65/R/B/W/T Concrete	*340920.798N* *1321456.697E* 32m	THR ELEV: 10.2ft (3m)

Slope of RWY and SWY	SWY dimensions	CWY dimensions	Strip Dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
RWY02 0.00% SWY 0.542%	300×60	Nil	3040×450	Nil	RWY crowned 1% side slope SWY slope upwards towards seawall ARST E-28 installed 550m from RWY 02 THR ARST E-28 installed 15m into SWY ARST M-31 installed 1263m from RWY 02 THR
RWY20 0.00% SWY 1.48%	300×60	Nil	3040×450	Nil	RWY crowned 1% side slope SWY slopes upwards towards seawall ARST E-28 installed 550m from RWY 20 THR ARST E-28 installed 15m into SWY

RWY02 **LONGITUDINAL PROFILE OF RWY** **RWY20**



RJOI AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
02	2440	2440	2740	2440	
20	2440	2440	2740	2440	

RJOI 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
02	ALSF-1 (CAT-I) 900m LIH	Green Green	PAPI 3.00° / LEFT 393m 62ft	Nil	Nil	2440m 60m Coded color Yellow/White LIH	Red	Nil
20	Nil	Green -	PAPI 3.00° / LEFT 372m 60ft	Nil	Nil	2440m 60m Coded color Yellow/White LIH	Red	Nil
Remarks								
10								
RWY THR ID LGT for RWY20 RWY 02 / 20 PAPI are designed and certified to provide adequate THR crossing height for FAA Height Group IV Aircraft (ICAO Code E)								

RJOI AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: *340838N/1321354E*, U.S. Military Dual Peak White/Green, 6 RPM, 18 FPM, HN&HO
2	LDI location and LGT Anemometer location and LGT	Nil
3	TWY edge and center line lighting	TWY edge light for H: AVBL TWY CL LGT for H: AVBL
4	Secondary power supply/ switch-over time	ALL LGT 100% generator back-up within 15 second
5	Remarks	WDI LGT x 3 SEAPLANE TRANS-SHOT LGT Yellow Helipad perimeter LGT

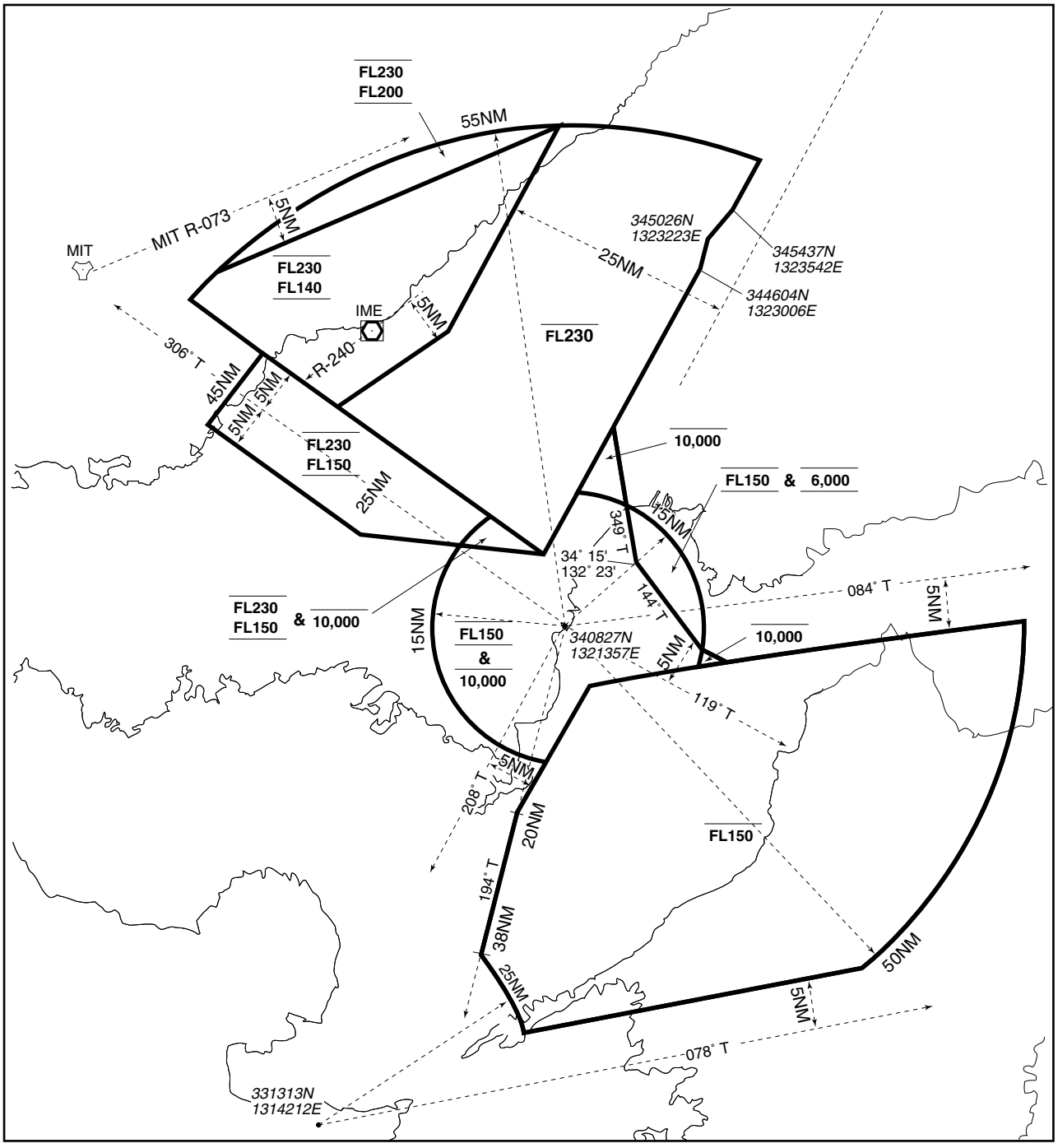
RJOI AD 2.16 HELICOPTER LANDING AREA

Primary Helipads: “N”, “7” and “R”
206m east of RWY 02 CL
Concrete
PCN 23/R/B/W/T
Simultaneous VFR operations between RWY 02 / 20 and Helipads “N”, “7” and “R” are authorized, contact base operations department for scheduling and procedures.

RJOI 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
IWAKUNI CTR	Area within a radius of 5nm of ARP (*340842N/1321449E*)	Up to but not including 3000 AGL	D	IWAKUNI TOWER	
IWAKUNI ACA*	SEE RJOI ATTACHED CHART		E		*ACA: APPROACH CONTROL AREA

岩国進入管制空域
Iwakuni Approach Control Area



RJOI AD 2.18 ATS COMMUNICATION FACILITIES

Service designa-tion	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	Iwakuni Approach Control	236.2MHz 250.6MHz 131.4MHz 128.0MHz 243.0MHz(E) 121.5MHz(E)	2130-1400 MON-SUN 72HR PN	
DEP	Iwakuni Departure Control	363.8MHz 131.4MHz 121.5MHz(E) 243.0MHz(E)	2130-1400 MON-SUN 72HR PN	
TWR	Iwakuni Tower	340.2MHz 123.8MHz 243.0MHz(E) 121.5MHz(E)	2130-1400 MON-SUN 72HR PN	
GND	Iwakuni Ground Control	360.2MHz 121.3MHz	2130-1400 MON-SUN 72HR PN	
Clearance delivery	Iwakuni Clearance Delivery	135.7MHz 310.6MHz	2130-1400 MON-SUN 72HR PN	
ATIS	Marine Corps Air Station Iwakuni	283.0MHz 128.4MHz	2130-1400 MON-SUN 72HR PN	
Dispatch	Iwakuni Dispatch	258.6MHz 134.1MHz	2030-1400 MON-SUN 72HR PN	
MET	Iwakuni Metro	344.6MHz	24H	Pilot forecaster service (Military)
GCA-ASR PAR	Iwakuni Approach Control and Iwakuni Radar Final Control	343.4MHz 289.4MHz 270.6MHz 119.45MHz 260.6MHz 323.4MHz 255.8MHz 305.0MHz	2130-1400 MON-SUN 72HR PN	ASR RWY 02 PAR RWY 02 Glide path 3.00°

RJOI 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 (VAR:6°W)	NEU	996MHz (CH-35X)	H24	*340930.27N/ 1321443.81E*	38ft	TACAN unusable: 201°-359° beyond 19nm BLW 14000ft.
ILS-LOC RWY02	IIJO	110.15MHz	H24	*340931.15N/ 1321455.02E*	14.79ft	LOC:308m(1011ft) outside FM RWY20, 92.955m(305ft) W of RCL, LOC off-set angle 1.5° BRG (MAG) 014° Unusable:LOC beyond 22nm
ILS-GS RWY02		334.25MHz	H24	*340812.80N/ 1321439.40E*	8.45ft	GP: 301.5m (989ft) inside FM RWY 02 THR, 103m (338ft) W of RCL GP angle 3.0°
ILS-DME RWY02	IIJO	1125MHz (CH-38Y)	H24	*340812.74N/ 1321439.86E*	7.60ft	DME: 301m (987ft) inside FM RWY 02 THR, 91m (300ft) W of RCL

RJOI AD 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

Will be provided as required, contact AD administration for details.

2. Taxiing to and from stands

2.1 Standard taxi route for Civil Commercial aviation aircraft. Arrival and Departure Route is as follows:
RWY 02
- Departure H-G-B-B5-A4-A-A1
- Arrival B5-B-G-H

RWY 20
- Departure H-G-B-B5
- Arrival A1-A-A4-B5-B-G-H

2.2 DoD Visiting aircraft will be escorted by ground guide vehicle as required, otherwise taxiing instruction will be issued by ATC ground control.

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

6.1. Restricted Taxiways. Commercial aircraft shall not taxi on any portion of TWY B south of TWY F.

6.2. Aircraft commanders shall exercise caution at the midpoint of TWY F overpass location. Aircraft shall avoid any sudden braking movement or stopping while on the overpass

6.3. Do not enter TWY A2 east of TWY A; Seadrome entrance only.

6.4. Civil aircraft B777 shall execute judgmental over-steering at all turns due to turn radius limitations.

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

Nil

8. Helicopter traffic - limitation

Nil

9. Removal of disabled aircraft from runways

To be issued as required.

RJOI AD 2.21 NOISE ABATEMENT PROCEDURES

(1) Flight west of the RWY is prohibited within 12nm at below 4000 feet MSL.

(2) The industrial area north-west of the RWY is a noise sensitive area. Aircraft should minimize their noise impact on the area. Transport and heavy aircraft requesting an off-duty RWY 20 departure to avoid the area will be afforded the same priority as aircraft using the duty RWY

(3) The city of Hiroshima shall not be over flown at an altitude less than 6,500 ft and should be avoided if at all possible. Kure, Matsuyama, and the peninsula at 33°28'N, 132°18'E shall not be over flown at altitudes less than 6,500 ft.

(4) Noise abatement hours are also in effect for multiple U.S. and Japanese holidays. Contact AD administration office for further details.

(5) Departures and arrivals should maneuver in visual flight conditions to avoid direct overflight of Atada Island below 4,000ft.

RJOI AD 2.22 FLIGHT PROCEDURES

1. WX MINIMA CONCERNING PAR AND ASR APCH PROCEDURES

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/HATh HAA	CEIL-VIS
PAR ①④⑥	02	3.00°/55/1055	ABCDE	**230**-½	220	(300-½)
ASR ②⑤⑦	02		AB	**420**-⅝	410	(500-⅝)
			CDE	**420**-¾	410	(500-¾)
C CIR ③			AB	**460**-1	450	(500-1)
			C	**460**-1½	450	(500-1½)
			D	**560**-2	550	(600-2)
			E	**980**-3	970	(1000-3)

① When ALS inop, increase CAT ABCDE vis to ¾ mile.
② When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1⅛ miles.
③ Circling not authorized west of Rwy 02-20.
④ VGSI not coincident (VGSI TCH 67').
⑦ SDF at 3 NM from thld 1040 min.

⑤ CAUTION: ASR Missed Approach Minimum Climb Rate to 2100, terrain 1457' MSL 34 09 22.00N 132 23 46.00E.
⑥ CAUTION: PAR Missed Approach Minimum Climb Rate to 2100, terrain 1457' MSL 34 09 22.00N 132 23 46.00E.

		Knots	60	120	180	240	300	360
PAR ⑥	Rwy 02	FPM	210	420	630	840	1050	1260
ASR ⑤	Rwy 02	FPM	240	480	720	960	1200	1440

NOTE:REPRINTING DOD FLIP

2. PAR AND ASR MISSED APPROACH PROCEDURE

Unless otherwise instructed by ATC, execute each missed approach procedure as follows.
Runway 02: Fly heading 015 and climb and maintain 3,400 ft. Leaving 500 ft, turn right heading 125.

Note: Aircraft can expect radar vectors from ATC upon reaching 3,400 ft.

3. LOST COMMUNICATIONS PROCEDURE FOR ARRIVAL AIRCRAFT UNDER RADAR NAVIGATIONAL GUIDANCE

If no transmissions are received for one minute in the pattern or five (fifteen) seconds on final, attempt contact tower on 340.2/123.8 and proceed VFR. If unable, proceed with ILS runway 02 approach (circle to runway two-zero, if appropriate), maintain (appropriate altitude but not lower than 3,400), until MUTHA.

Note : Procedures other than above will be issued when required.

4. DIVERSE DEPARTURE PROCEDURE

(1) RWY 02: Diverse departures only authorized within 25 NM between 040 DEG through 165 DEG clockwise, standard with minimum climb rate of 300ft/NM to 1900.

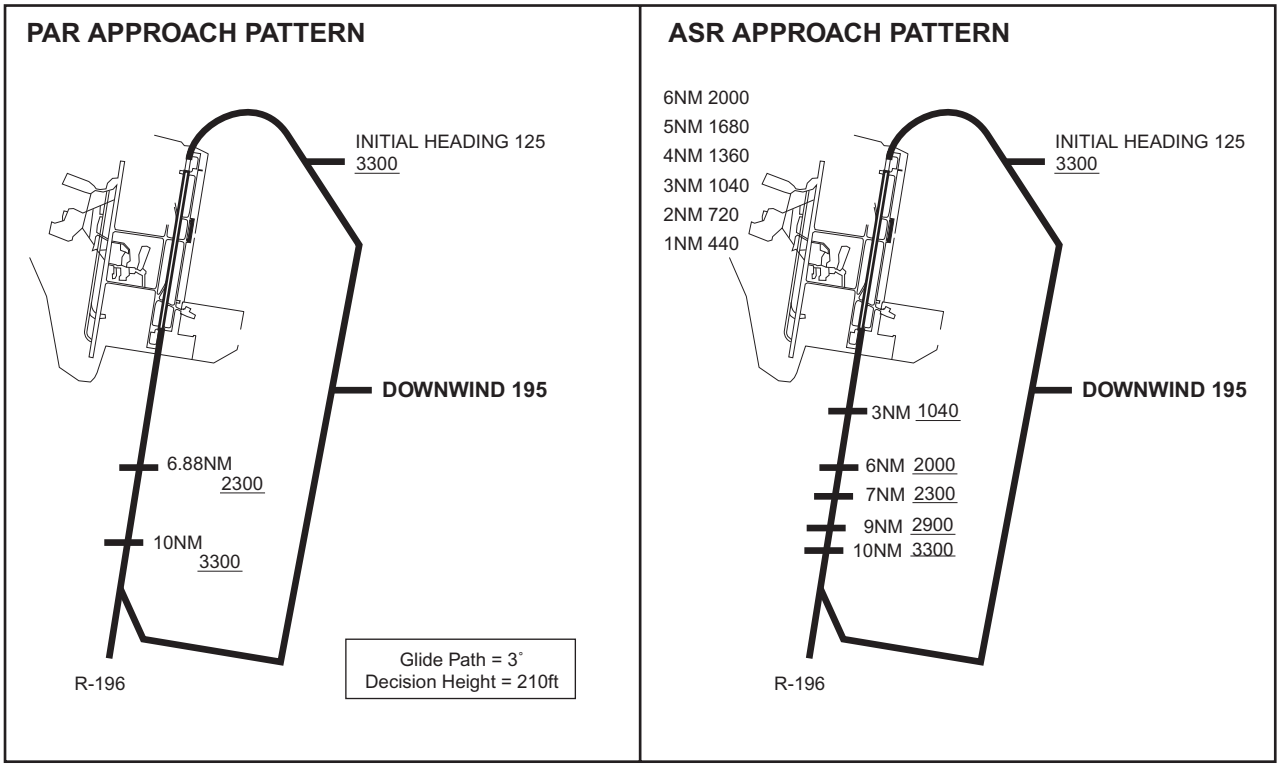
(2) RWY 20: Diverse departures only authorized within 25 NM between 155 DEG through 085 DEG counterclockwise, standard.

(3) Contact AD administration, reference DoD Flight Information Publication series.

5. STANDARD TERMINAL AUTOMATION REPLACEMENT SYSTEM (STARS)

Aircraft flying under control of Iwakuni Approach in the Approach Control Area will be instructed to reply with discrete beacon code on Mode A/3 and Mode C.
If an aircraft with non-discrete beacon code capability is instructed to reply with discrete beacon code, it shall advise ATC accordingly.

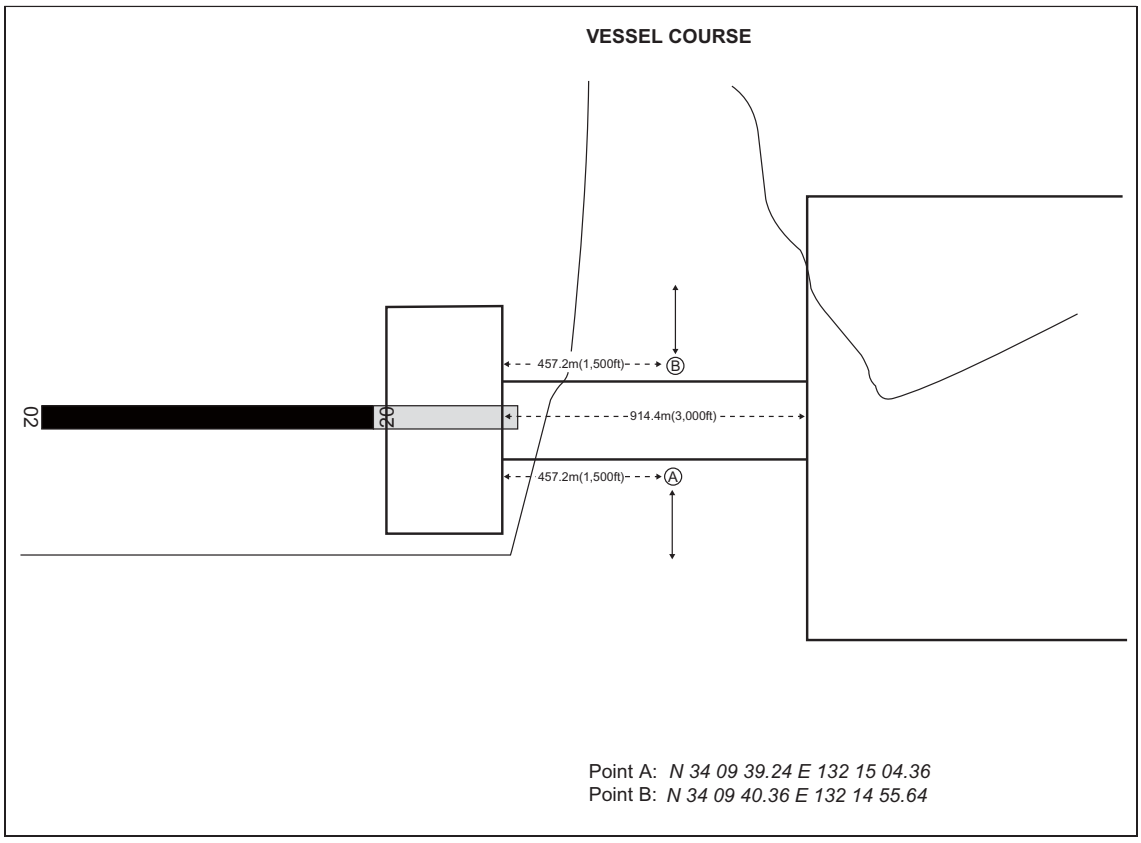
6. APPROACH PATTERN



RJOI AD 2.23 ADDITIONAL INFORMATION

1. Bird hazard on approach to RWY 02/20.
2. Mt terrain W of airfield, Oshima Island(NEU R-189/13DME) at 2280ft may cause Ground Avoidance Proximity Warning alert for aircraft at 3300ft.
3. Hang Glider/Parasailing in vicinity of IAFs for all instrument approaches(STADK/PPOPS/MUTHA/SHIMN) NEU R-189/13DME (Oshima Island) at or below 2500ft AGL. OPR daily spring/summer months.
4. Passage of vessel across RWY02 departure area or RWY20 approach area

   While vessel with height that affects ACFT operations is passing across RWY02 departure area or RWY20 approach area Obstacle Free Zone (OFZ), the following action will be taken.
   1) The information of vessel will be provided by NOTAM RJOI or ATC.
   2) While vessel is crossing between point A and point B, holding instruction may be issued in the following situations.
      a) ACFT for landing RWY02
         When vessel height is above 3m/MSL : all arrival ACFT
      b) ACFT for take-off/landing RWY02
         When vessel height is above 3m/MSL : all departure ACFT
      c) ACFT for landing RWY20
         When vessel height is above 3m/MSL : all arrival ACFT



Point A: *N 34 09 39.24 E 132 15 04.36*
Point B: *N 34 09 40.36 E 132 14 55.64*

5. Schedule maintenance on the RWY

   Scheduled RWY unserviceability due to RWY and facilities maintenance.
   (See NOTAM RJOI)

6. Port of Iwakuni mooring (anchorage) points

Vessels with varying heights up to 236ft can be anchored at the points described below ACFT should use caution on departure, arrival and during airport traffic pattern operations.

Iwakuni Port	
Mooring Point	Coordinates
Iwakuni Anchor	*34 11 38.3N / 132 14 47.57E*
A	*34 11 30.7N / 132 15 49.7E*
B	*34 11 06.8N / 132 16 09.0E*
C	*34 10 59.0N / 132 15 41.9E*
D	*34 10 17.6N / 132 16 06.9E*
E	*34 09 58.9N / 132 16 29.9E*
F	*34 09 54.1N / 132 17 03.8E*

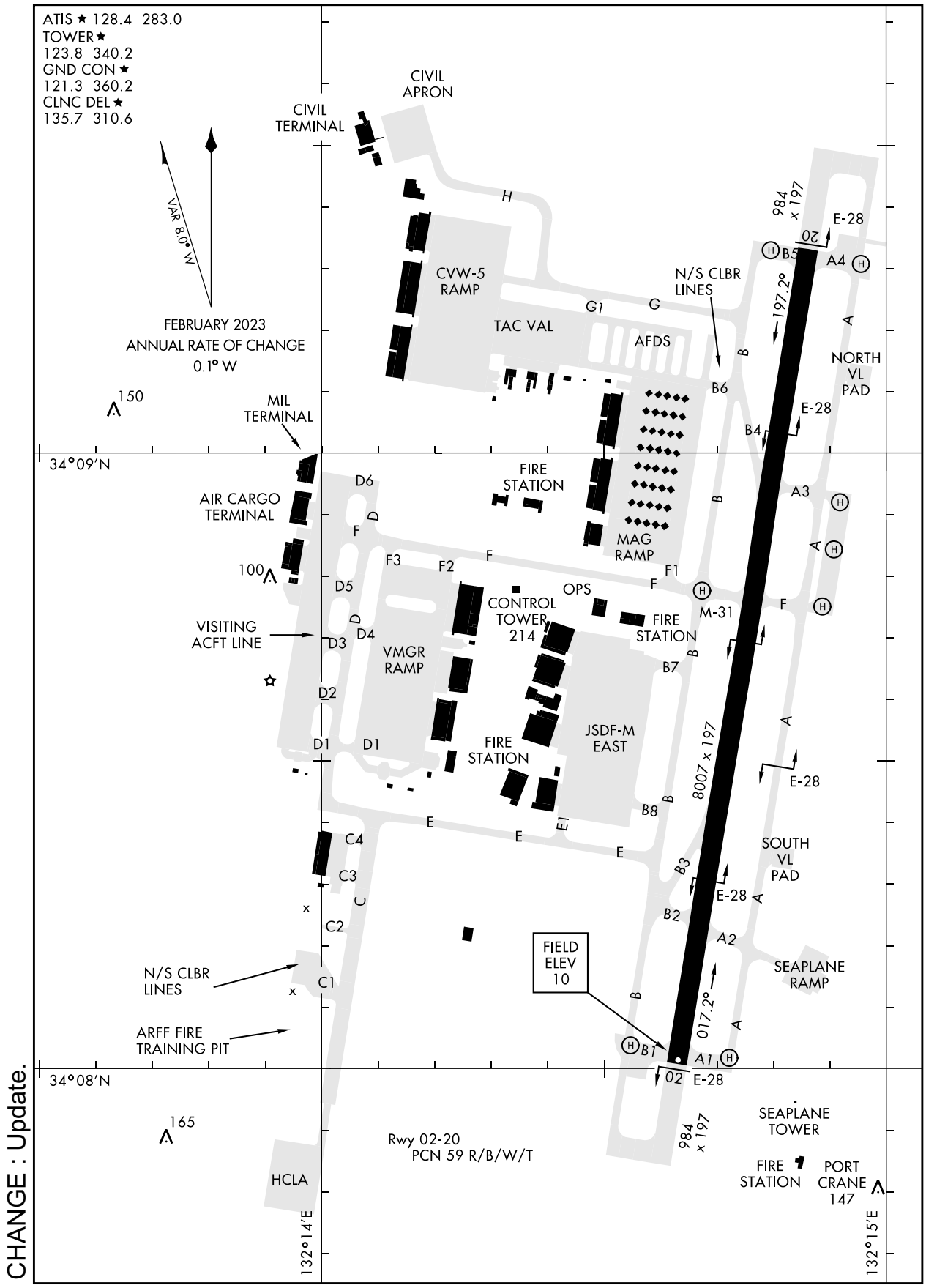
RJOI AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome/Heliport Chart
Aircraft Parking/Docking Chart (for civil)
Standard Departure Chart - Instrument (MATSUYAMA SOUTHEAST)
Instrument Approach Chart (ILS RWY02)
Instrument Approach Chart (RNAV (GPS) RWY02)
Other Chart (LDG CHART)
Other Chart (MVA CHART)

INTENTIONALLY LEFT BLANK

RJOI/IWAKUNI

AD CHART

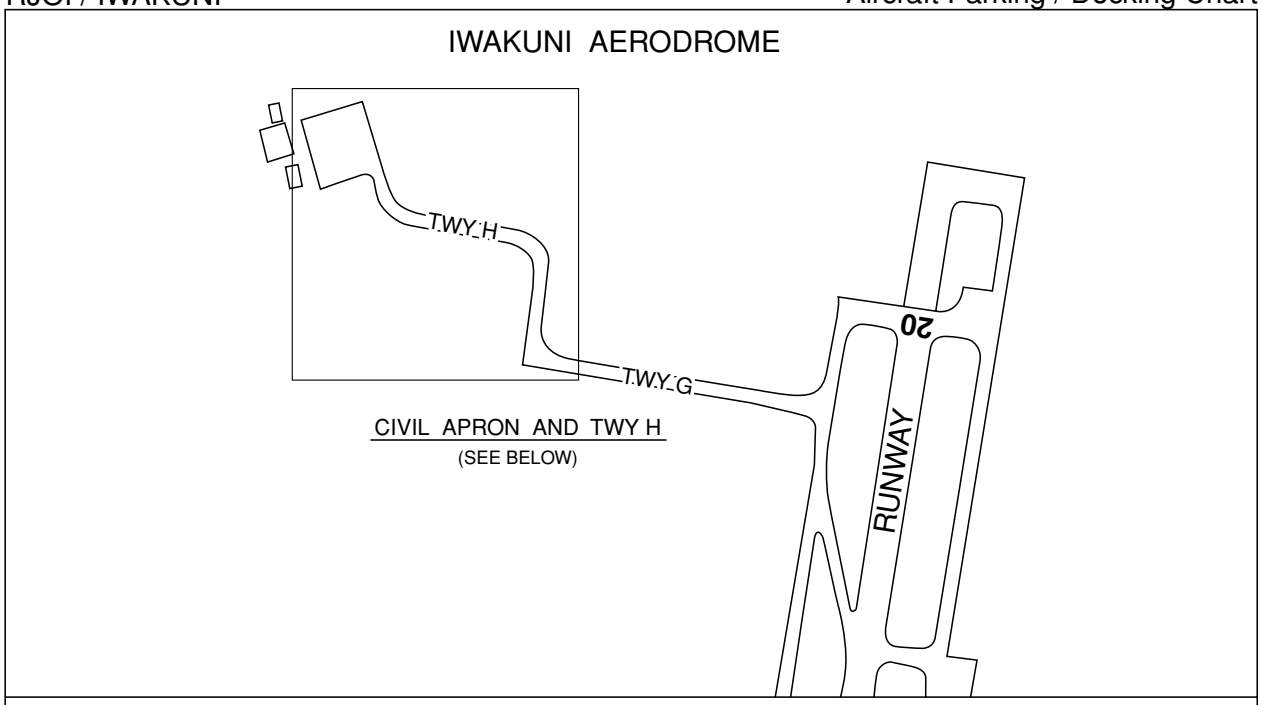


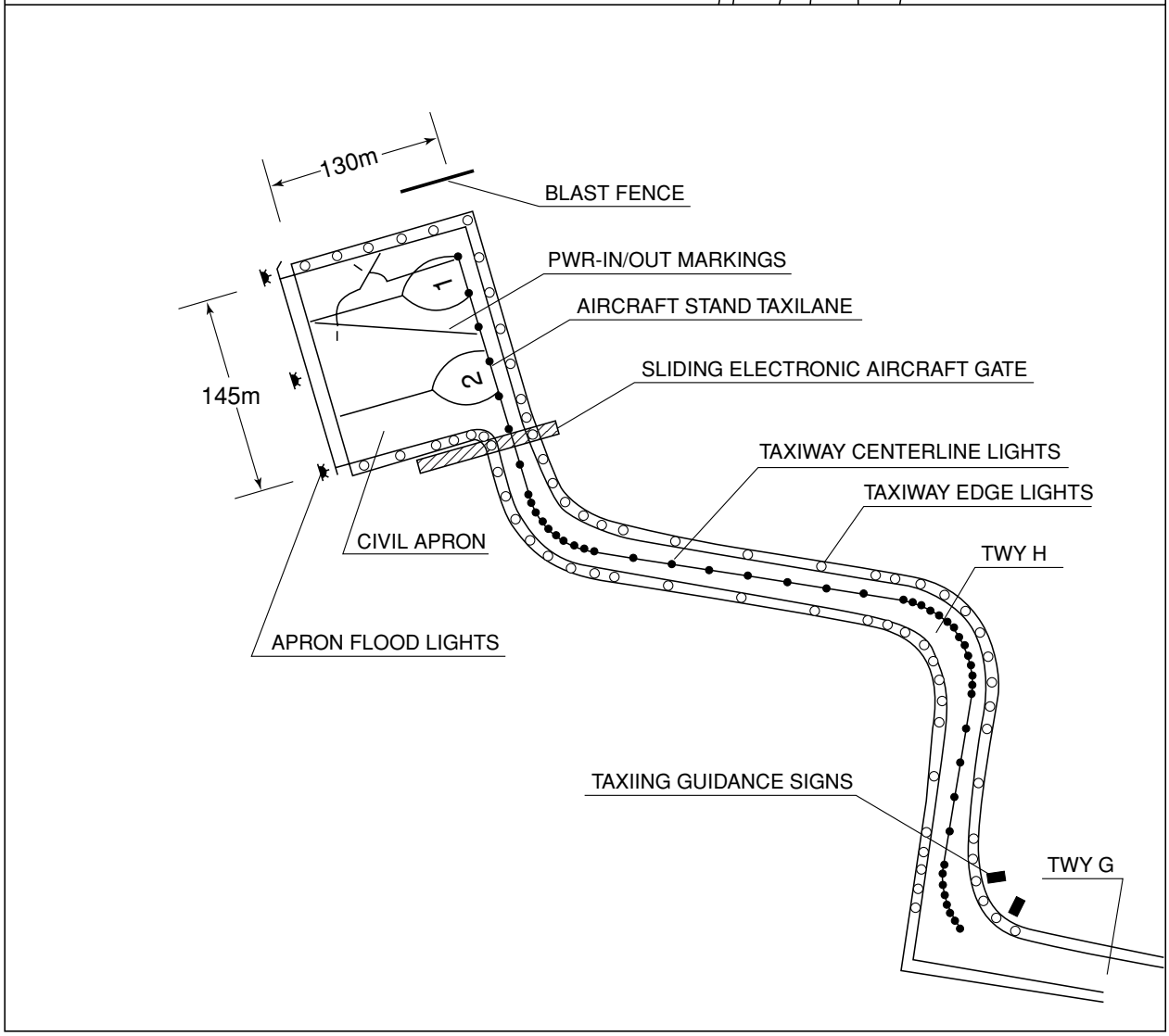
CHANGE : Update.

NOTE: REPRINTING DOD FLIP

RJOI / IWAKUNI

Aircraft Parking / Docking Chart





STANDARD DEPARTURE CHART - INSTRUMENT

RJOI / IWAKUNI

MATSUYAMA SE THREE DEPARTURE(OBSTACLE) (RNAV)

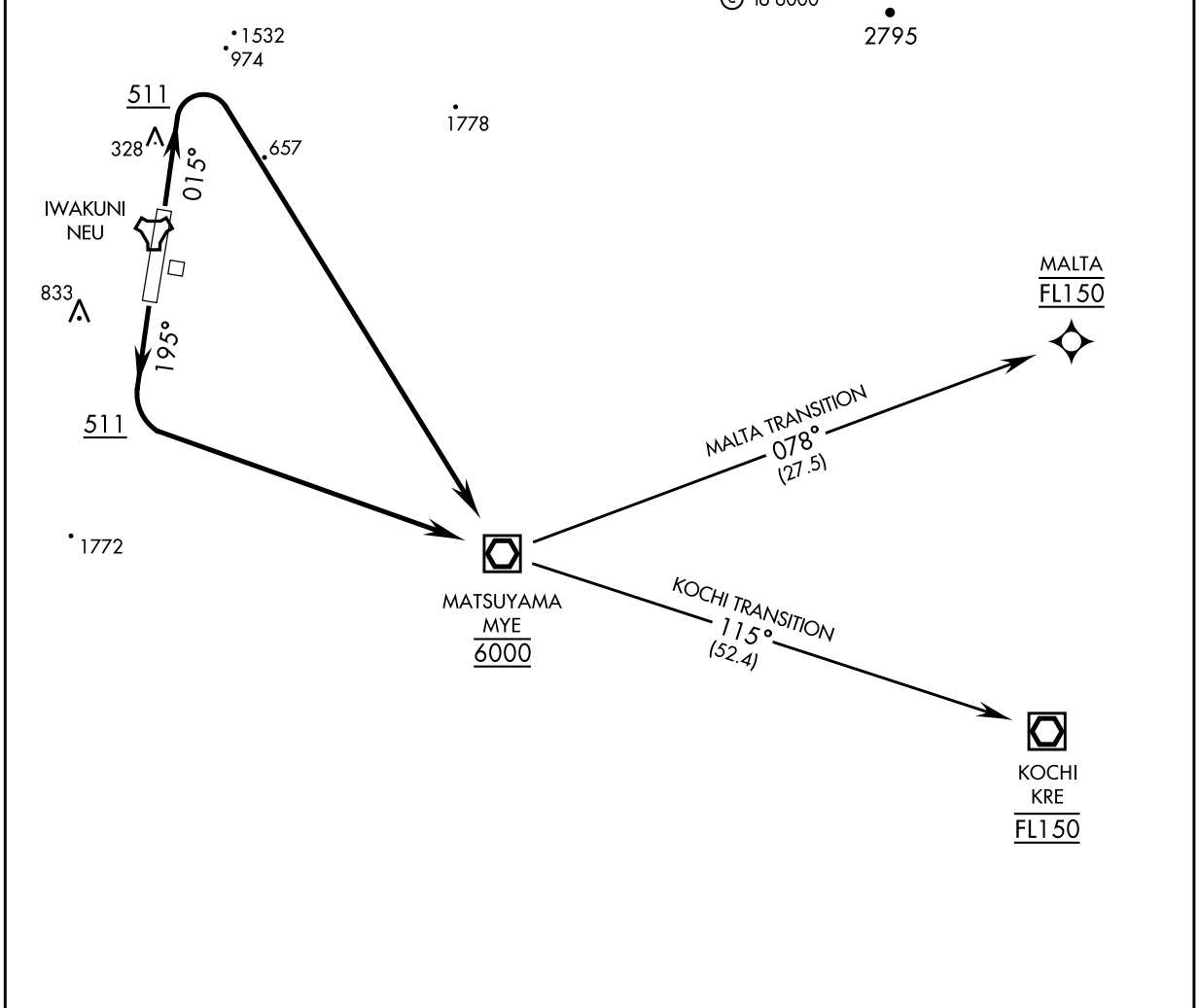
ATIS ★ 128.4 283.0
CLNC DEL ★
135.7 310.6
GND CON ★
121.3 360.2
TOWER ★
123.8 340.2
DEP CON ★
131.4 363.8

RNAV1-DME/DME/IRU, DME/DME, GNSS, or RNP 2.0

Rwy	Knots	60	120	180	240	300	360
* 02 ⓐ	V/V(fpm)	230	460	690	920	1150	1650
†02/20ⓑ	V/V(fpm)	330	660	990	1320	1650	1980
† 20 ⓒ	V/V(fpm)	204	408	612	816	1020	1224

* Minimum † ATC Climb Rate

ⓐ to 2300
ⓑ MALTA transtion to 15,000 from MYE to MALTA
ⓒ to 6000



NOTE: Chart not to scale

TA 14,000

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 02: Climb heading 015° to 511, then on depicted route. Cross MATSUYAMA VOR/DME (MYE) at 6000 thence...

TAKEOFF RWY 20: Climb heading 195° to 511, then on depicted route. Cross MATSUYAMA VOR/DME (MYE) at 6000 thence...

KOCHI TRANSITION: As depicted. Cross KOCHI (KRE) at FL150. Maintain FL150 or higher as assigned.

MALTA TRANSITION: As depicted. Cross MALTA at FL150, maintain FL150 or higher as assigned.

CHANGE : Update.

NOTE: REPRINTING DOD FLIP

INSTRUMENT APPROACH CHART

RJOI/IWAKUNI

LOC/DME I-IJO	APCH CRS	Rwy Idg	8007
110.15	014°	TDZE	10
Chan 38(Y)		Arpt Elev	10

ILS RWY02

RADAR or MYE VOR/DME required

T * When ALS inop, increase CAT ABCD vis to ¾ mile.
** When ALS inop, increase CAT AB vis to 1 mile, CAT CD vis to 1⅛ miles.
*** Circling not authorized W of Rwy 02-20. CAT D remain within 2.8 NM.

ALSF-1

MISSED APPROACH: Climb on heading 014° to 700, then climbing right turn to 6000 heading 144° direct MYE VOR/DME and hold.

ATIS★	APP CON★	TOWER★	GND CON★	CLNC DEL★	ASR/PAR
128.4 283.0	131.4 236.2	123.8 340.2	121.3 360.2	135.7 310.6	

Knots	60	120	180	240	300	360
V/V(fpm)	210	420	630	840	1050	1260

Min climb of 210 ft/NM to 2100 - Controlling Obstacle 1457

IWAKUNI
Chan 35 NEU

KUGA
Chan 90 IWT

LOCALIZER 110.15
I-IJO
Chan 38(Y)
LOC offset 1.51°

1457

2270

3400
169°
(10)

122

TAMER
I-IJO
5

368

1420

1720

BUCKI
I-IJO
7.2

2300

014°

MOOOE
I-IJO
10.4

3300

(IF/IAF)
MUTHA
I-IJO
13

2000

2238

1926

194°

014°

230K

194°

I-IJO
17

NoPT
3400
050°
(35.4)

MUSASHI
117.7 TFE
Chan 124

MSA NEU 25 NM
213°
5400
4200
070°
305°
3400

MATSUYAMA
110.65 MYE
Chan 43(Y)

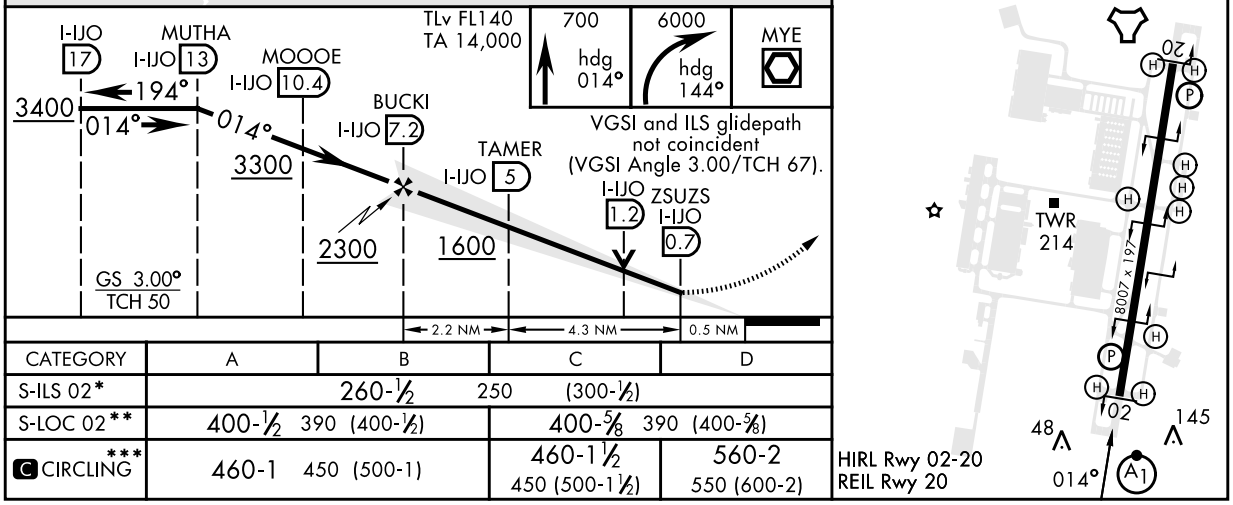
R-324

NoPT
3400
290°
(24.7)

144°
230K
324°

EMERG SAFE ALT 100 NM 8500

ELEV 10 | TDZE 10



CATEGORY	A	B	C	D
S-ILS 02*	260-½ 250 (300-½)			
S-LOC 02**	400-½ 390 (400-½)		400-⅝ 390 (400-⅝)	
C CIRCLING***	460-1 450 (500-1)		460-1½ 450 (500-1½)	560-2 550 (600-2)

HIRL Rwy 02-20
REIL Rwy 20

CHANGE: Update.

NOTE: REPRINTING DOD FLIP

INSTRUMENT APPROACH CHART

RJOI/IWAKUNI

APCH CRS	Rwy Idg	8007
015°	THRE	10
	Arpt Elev	10

RNAV(GPS) RWY02

RNP APCH

T * When ALS inop, increase vis to 7/8 mile.
** When ALS inop, increase CAT AB vis to 1 mile, CAT CD vis to 1 1/8 miles.
*** Circling not authorized W of Rwy 02-20. CAT D circling remain within 2.8 NM.

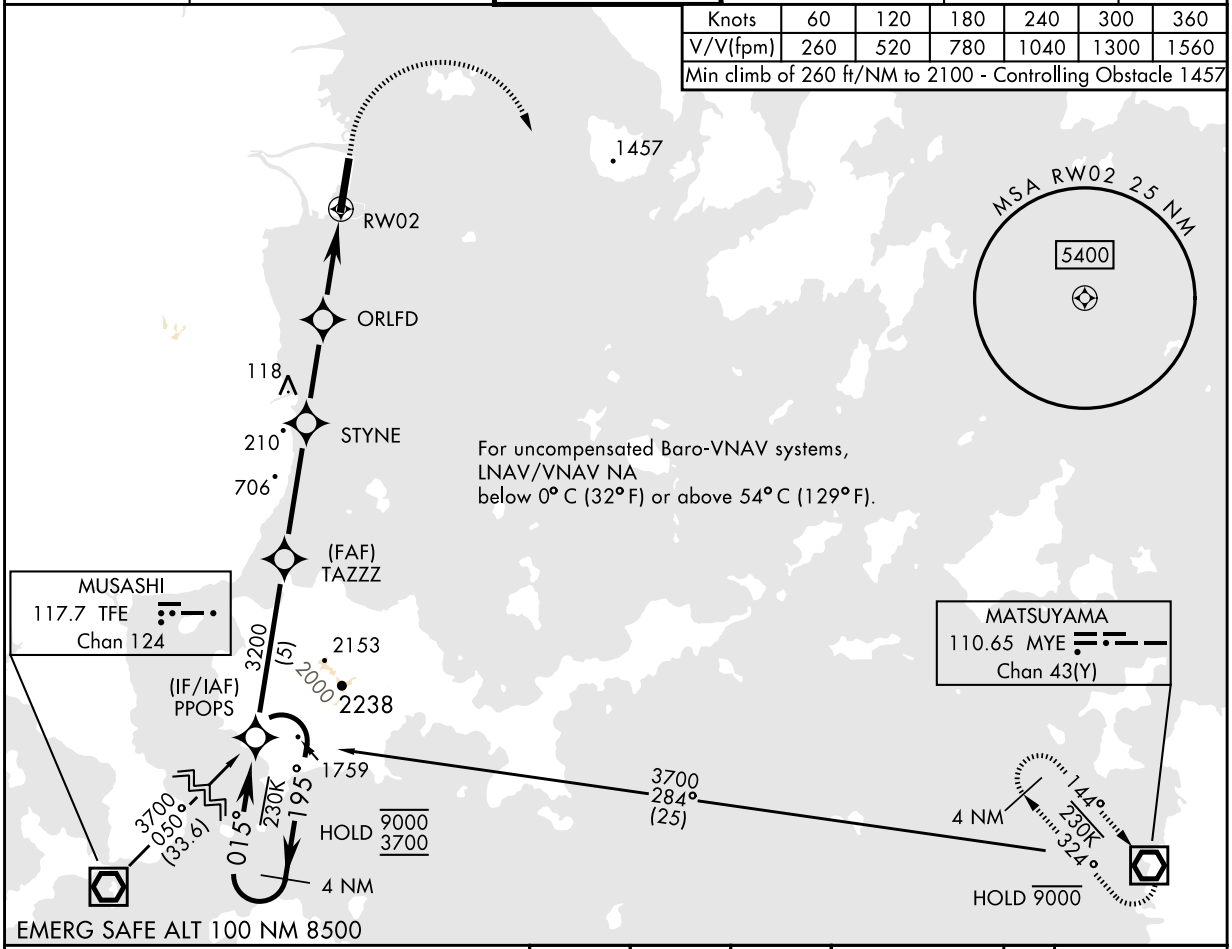
ALSF-1

MISSED APPROACH: Climb to 440 then climbing right turn to 6000 direct MYE and hold.

ATIS ★	APP CON ★	TOWER ★	GND CON ★	CLNC DEL ★	ASR/PAR
128.4 283.0	131.4 236.2	123.8 340.2	121.3 360.2	135.7 310.6	

Knots	60	120	180	240	300	360
V/V(fpm)	260	520	780	1040	1300	1560

Min climb of 260 ft/NM to 2100 - Controlling Obstacle 1457

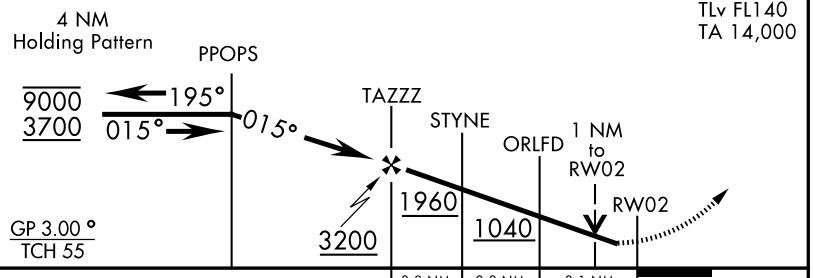


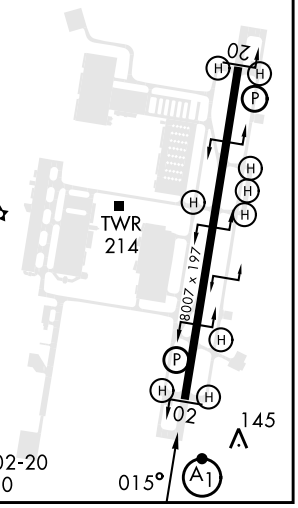
VGSI and glidepath not coincident
(VGSI Angle 3.00/TCH 67).

440 | 6000 | MYE

TLv FL140
TA 14,000

ELEV 10 | THRE 10





CATEGORY	A	B	C	D
LNAV/ * VNAV DA	276-½ 266 (300-½)	287-½ 277 (300-½)	295-½ 285 (300-½)	306-½ 296 (300-½)
LNAV MDA**	400- ½ 390 (400-½)		400-⅝ 390 (400-⅝)	
C *** CIRCLING	460-1 450 (500-1)		460-1½ 450 (500-1½)	560-2 550 (600-2)

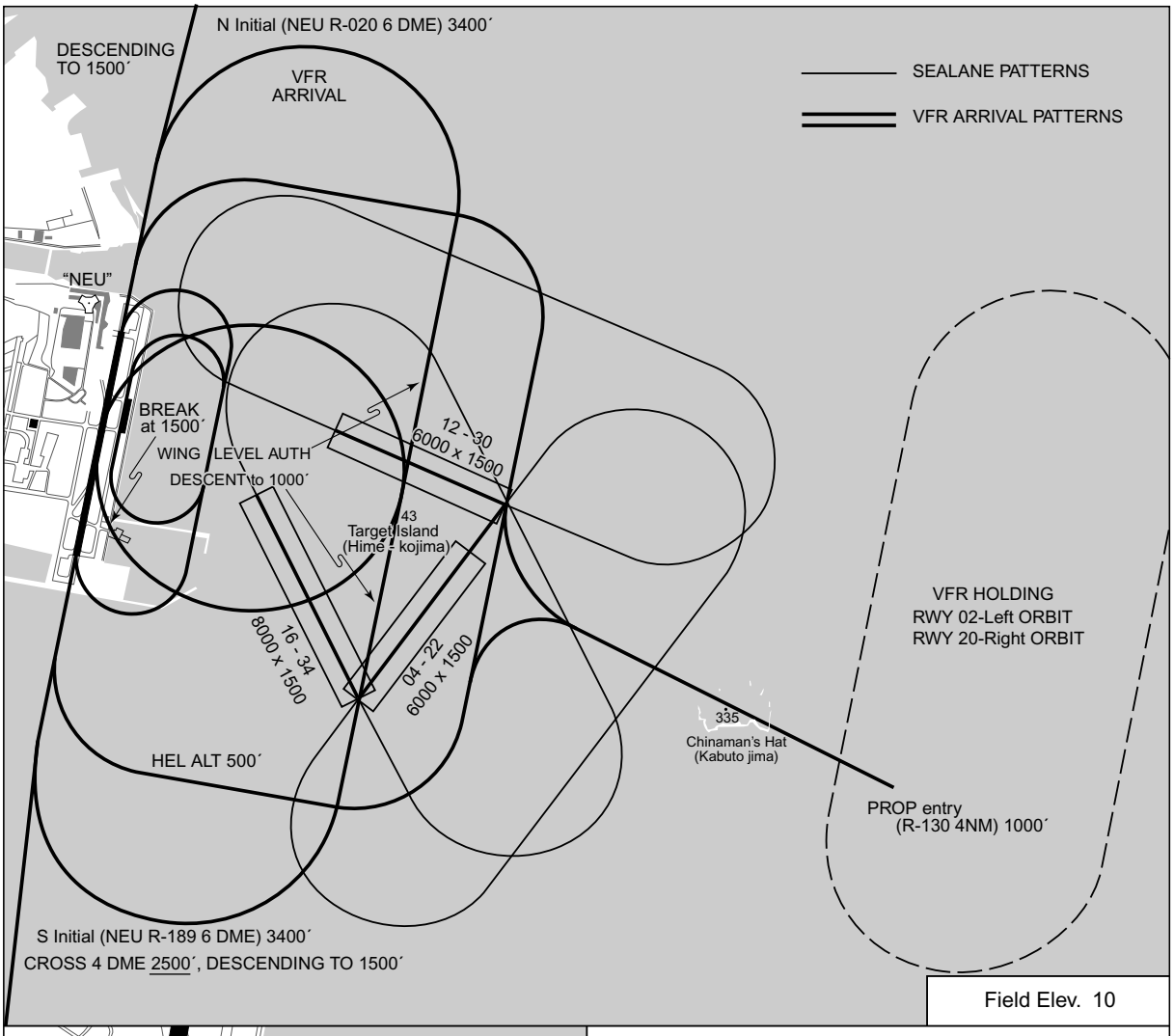
HIRL Rwy 02-20
REIL Rwy 20

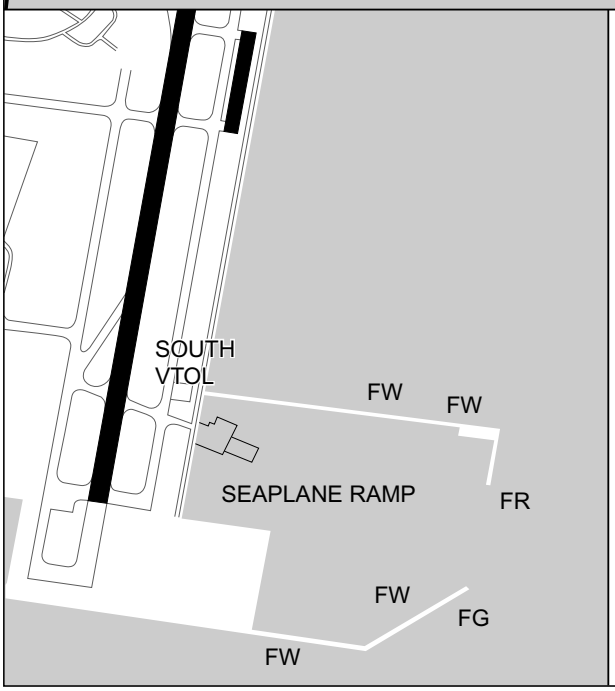
CHANGE : Update.

NOTE: REPRINTING DOD FLIP

RJOI / IWAKUNI LDG CHART

SEALANE PATTERNS & VFR ARR PATTERNS





IWAKUNI SEALANE(TOWER) :
122.0 - 228.2 - 319.0

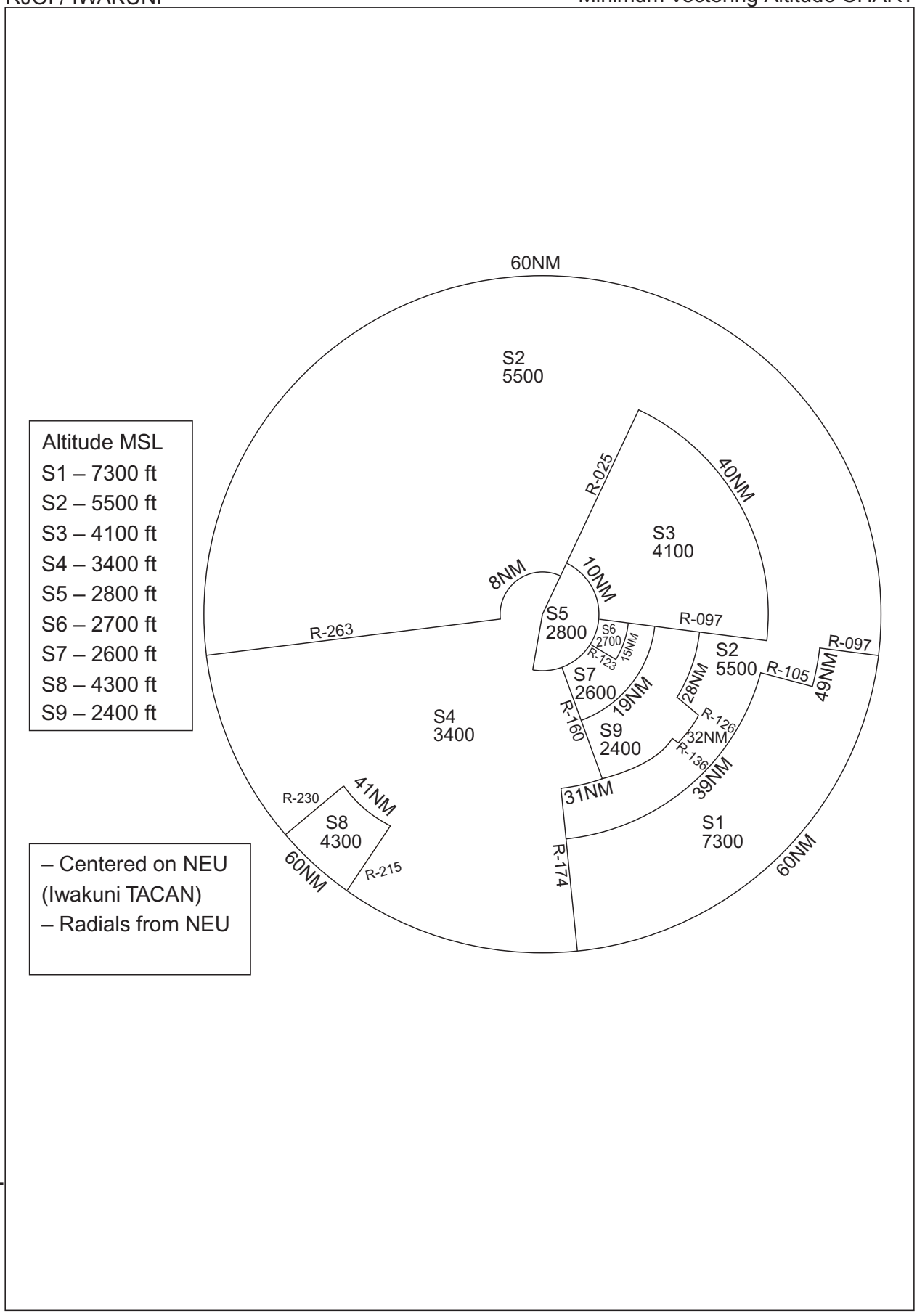
IWAKUNI APP : WEST
131.4 - 236.2
EAST 128.0 - 250.6

IWAKUNI TWR :
123.8 - 340.2

CHANGE : Update.

RJOI / IWAKUNI

Minimum Vectoring Altitude CHART



CHANGE : Update.