RJER / RISHIRI

AD CHART

TRUE NORTH

RTHL

WDI

25

1▽5

1△5

PAPI Angle 3.0°
MEHT 18.5m(61ft)

428m

VOR / DME
(RSE)

2▽4

2△4

★ ABN

RISHIRI AP

3▽3

3△3

SALS

RAI

420m

480m

LONGITUDINAL PROFILE OF RWY

APRON FLOOD LGT

PAPI Angle 3.0°
MEHT 18.5m(61ft)

4▽2

4△2

5▽1

5△1

356.1m

WDI

RWY THR ID LGT

07

45m

RWY25
112 ft
(34.17m)

0.592%

98 ft
(29.73m)

0.249%

102 ft
(31.05m)

0.250%

RWY07
98ft
(29.75m)

0m   520m   1050m   1800m

REMARKS :

RWY GROOVING		
STRENGTH OF RWY	1800m×45m	
	BTN 630m and 750m FM RWY25 THR	PCN 55/F/C/X/T
	BTN 410m and 570m FM RWY07 THR	PCN 80/F/A/X/T
OTHER		PCN 50/F/B/X/T
WIDTH & STRENGTH OF TWY		PCN 50/F/B/X/T
	23m	
DIMENSION & STRENGTH OF APRON		PCN 48/R/B/X/T
	150m×85m	

INTENTIONALLY LEFT BLANK

STANDARD DEPARTURE CHART-INSTRUMENT

RJER / RISHIRI   SID

RISHIRI REVERSAL TWO DEPARTURE

RWY07 : Climb RWY HDG to 600FT, turn left...
RWY25 : Climb RWY HDG to 600FT, turn right HDG 080°...
      ... to intercept and proceed via RSE R035 to 4000FT,
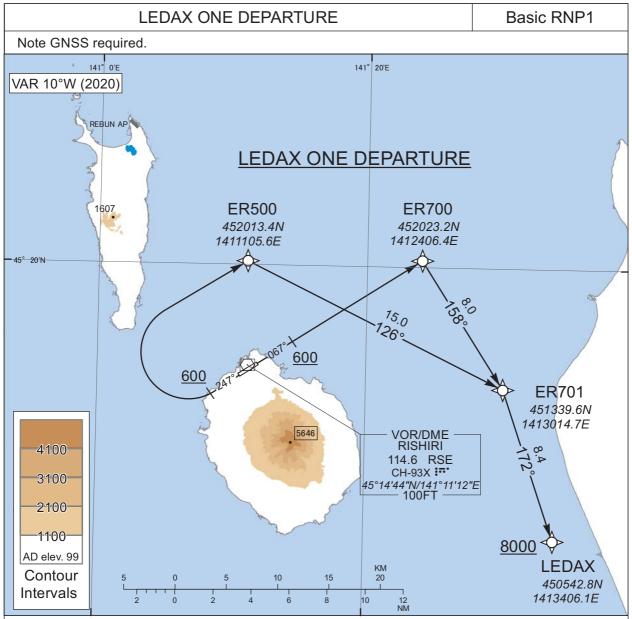   turn left, direct to RSE VOR/DME.
    Cross RSE VOR/DME at or above 8000FT.

Note RWY25 : 5.2% climb gradient required up to 1000FT.
       OBST ALT 262FT located at 0.6NM 225˚ FM end of RWY25.
       OBST ALT 722FT located at 1.3NM 157˚ FM end of RWY25.

CHANGE : PROC renamed. Turning altitude designated. HDG to intercept RSE R035. Turning altitude to RSE. Note added.

REBUN AP

4000

035°

RISHIRI REVERSAL TWO DEPARTURE

HDG080°

RSE R035

8000

600

600

VOR/DME
RISHIRI
114.6 RSE
CH-93X
45°14´44˝N/141°11´12˝E
100FT

STANDARD DEPARTURE CHART-INSTRUMENT

RJER / RISHIRI

RNAV SID

LEDAX ONE DEPARTURE	Basic RNP1

Note GNSS required.

VAR 10°W (2020)

REBUN AP

1607

45° 20'N

LEDAX ONE DEPARTURE

ER500
452013.4N
1411105.6E

ER700
452023.2N
1412406.4E

8.0
158°

15.0
126°

067°

600

600

247°

600

5646

ER701
451339.6N
1413014.7E

VOR/DME
RISHIRI
114.6 RSE
CH-93X
45°14'44"N/141°11'12"E
100FT

8.4
172°

4100

3100

2100

1100

AD elev. 99

Contour
Intervals

KM
5   0   5   10   15   20
2   0   2   4   6   8   10   12
NM

8000
LEDAX
450542.8N
1413406.1E

LEDAX ONE DEPARTURE

RWY07 : Climb on HDG067°at or above 600FT, direct to ER700, to ER701,
    to LEDAX at or above 8000FT.
RWY25 : Climb on HDG247°at or above 600FT, turn right direct to ER500,
    to ER701, to LEDAX at or above 8000FT.

Note RWY25 : 5.2% climb gradient required up to 600FT.
    OBST ALT 262FT located at 0.6NM 225°FM end of RWY25.

CHANGE : New PROC

STANDARD DEPARTURE CHART-INSTRUMENT

RJER / RISHIRI   RNAV SID

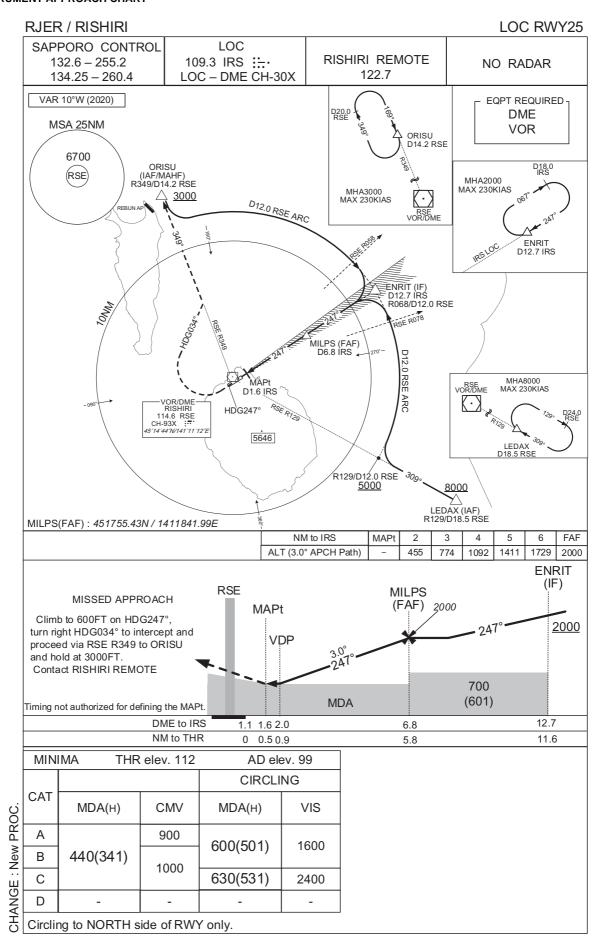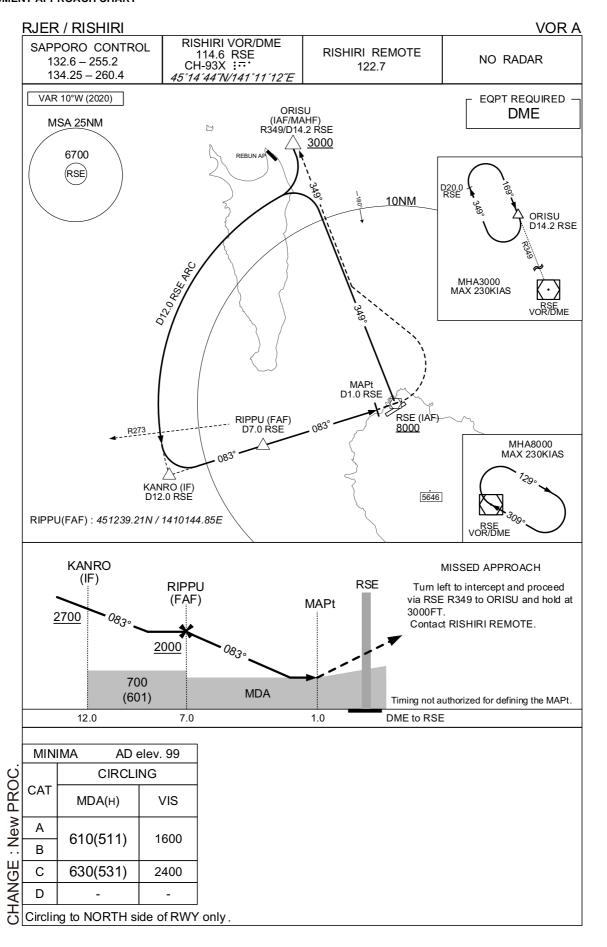## LEDAX ONE DEPARTURE

RWY07

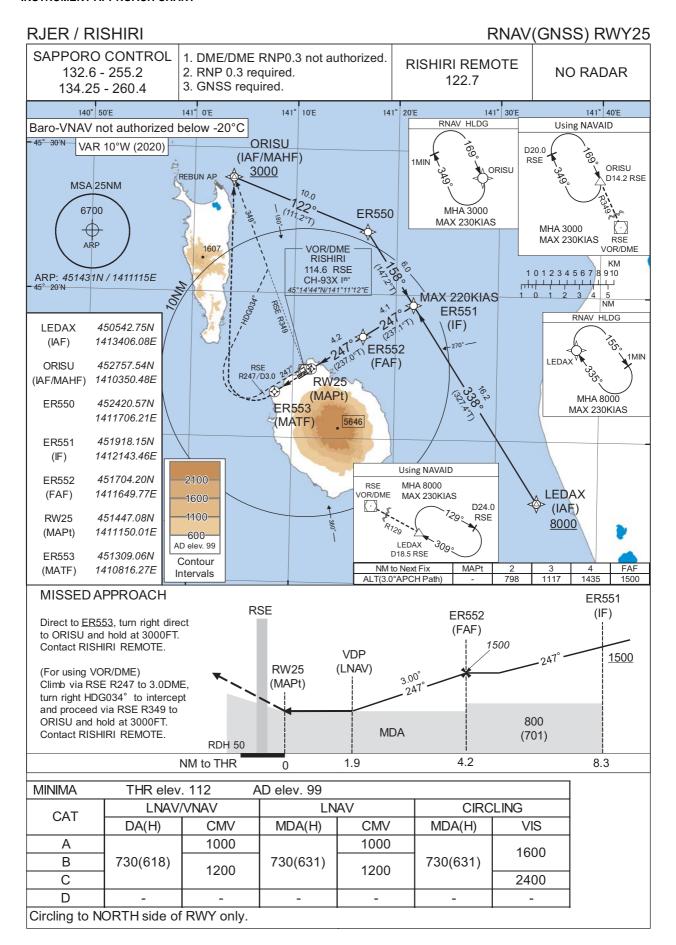| Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	-	-	067 (056.9)	-10.4	-	-	+600	-	-	Basic RNP1
002	DF	ER700	-	-	-10.4	-	-	-	-	-	Basic RNP1
003	TF	ER701	-	158 (147.3)	-10.4	8.0	-	-	-	-	Basic RNP1
004	TF	LEDAX	-	172 (161.1)	-10.4	8.4	-	+8000	-	-	Basic RNP1

RWY25

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	-	-	247 (236.9)	-10.4	-	-	+600	-	-	Basic RNP1
002	DF	ER500	-	-	-10.4	-	R	-	-	-	Basic RNP1
003	TF	ER701	-	126 (115.9)	-10.4	15.0	-	-	-	-	Basic RNP1
004	TF	LEDAX	-	172 (161.1)	-10.4	8.4	-	+8000	-	-	Basic RNP1

CHANGE : New PROC

INSTRUMENT APPROACH CHART

RJER / RISHIRI

LOC RWY25

SAPPORO CONTROL 132.6 – 255.2 134.25 – 260.4	LOC 109.3 IRS ∴∙ LOC – DME CH-30X	RISHIRI REMOTE 122.7	NO RADAR

VAR 10°W (2020)

EQPT REQUIRED
DME
VOR

MSA 25NM

6700
(RSE)

ORISU
(IAF/MAHF)
R349/D14.2 RSE
3000

REBUN AP

D12.0 RSE ARC

ORISU
D14.2 RSE
D20.0
RSE
349°
169°
R349
MHA3000
MAX 230KIAS
RSE VOR/DME

MHA2000
MAX 230KIAS
D18.0
IRS
067°
247°
IRS LOC
ENRIT
D12.7 IRS

RSE R058

ENRIT (IF)
D12.7 IRS
R068/D12.0 RSE

RSE R078

MILPS (FAF)
D6.8 IRS
270°

D12.0 RSE ARC

HDG034°
RSE R349
247°
247°

10NM
180°

090°

MAPt
D1.6 IRS
HDG247°
RSE R129

VOR/DME
RISHIRI
114.6 RSE
CH-93X
45°14´44˝N/141°11´12˝E

5646

RSE VOR/DME
MHA8000
MAX 230KIAS
R129
129°
309°
D24.0
RSE
LEDAX
D18.5 RSE

R129/D12.0 RSE
5000
309°
8000
LEDAX (IAF)
R129/D18.5 RSE

360°

MILPS(FAF) : 451755.43N / 1411841.99E

NM to IRS	MAPt	2	3	4	5	6	FAF
ALT (3.0° APCH Path)	–	455	774	1092	1411	1729	2000

MISSED APPROACH

Climb to 600FT on HDG247°,
turn right HDG034° to intercept and
proceed via RSE R349 to ORISU
and hold at 3000FT.
Contact RISHIRI REMOTE

Timing not authorized for defining the MAPt.

RSE
MAPt
VDP
3.0°
247°
247°
MDA
MILPS (FAF)
2000
700
(601)
ENRIT (IF)
2000

DME to IRS	1.1	1.6	2.0		6.8	12.7
NM to THR	0	0.5	0.9		5.8	11.6

MINIMA	THR elev. 112		AD elev. 99	
CAT	MDA(H)	CMV	CIRCLING MDA(H)	VIS
A	440(341)	900	600(501)	1600
B	440(341)	1000	600(501)	1600
C	440(341)	1000	630(531)	2400
D	-	-	-	-

Circling to NORTH side of RWY only.

CHANGE : New PROC.

INSTRUMENT APPROACH CHART

RJER / RISHIRI   VOR A

SAPPORO CONTROL 132.6 – 255.2 134.25 – 260.4	RISHIRI VOR/DME 114.6 RSE CH-93X *45°14′44″N/141°11′12″E*	RISHIRI REMOTE 122.7	NO RADAR

VAR 10°W (2020)

EQPT REQUIRED
DME

MSA 25NM

6700
(RSE)

ORISU
(IAF/MAHF)
R349/D14.2 RSE
3000

REBUN AP

349°

180°

10NM

D20.0 RSE
169°
349°
ORISU
D14.2 RSE
R349

MHA3000
MAX 230KIAS

RSE
VOR/DME

D12.0 RSE ARC

349°

MAPt
D1.0 RSE

RSE (IAF)
8000

R273
RIPPU (FAF)
D7.0 RSE
083°

083°

KANRO (IF)
D12.0 RSE

5646

MHA8000
MAX 230KIAS

129°
309°
RSE
VOR/DME

RIPPU(FAF) : *451239.21N / 1410144.85E*

MISSED APPROACH

Turn left to intercept and proceed
via RSE R349 to ORISU and hold at
3000FT.
Contact RISHIRI REMOTE.

KANRO
(IF)

RIPPU
(FAF)

RSE

MAPt

2700
083°

2000
083°

700
(601)

MDA

Timing not authorized for defining the MAPt.

| 12.0 | 7.0 | 1.0 | DME to RSE |

MINIMA	AD elev. 99		
CAT	CIRCLING		
	MDA(H)	VIS	
A	610(511)	1600	
B			
C	630(531)	2400	
D	-	-	

Circling to NORTH side of RWY only .

CHANGE : New PROC.

INSTRUMENT APPROACH CHART

RJER / RISHIRI   RNAV(GNSS) RWY25

SAPPORO CONTROL 132.6 - 255.2 134.25 - 260.4	1. DME/DME RNP0.3 not authorized. 2. RNP 0.3 required. 3. GNSS required.	RISHIRI REMOTE 122.7	NO RADAR

Baro-VNAV not authorized below -20°C

VAR 10°W (2020)

ORISU (IAF/MAHF) 3000

REBUN AP

MSA 25NM

6700
ARP

ARP: 451431N / 1411115E

10NM

ER550

10.0 122° (111.2°T) 349° 180°

VOR/DME RISHIRI 114.6 RSE CH-93X 45°14'44"N/141°11'12"E

158° (147.2°T) 6.0

RSE R349 HDG034°

MAX 220KIAS ER551 (IF)

4.1 247° (237.1°T)

4.2 247° (237.0°T) ER552 (FAF)

247° (237°T) RSE R247/D3.0

RW25 (MAPt)

ER553 (MATF)

5646

360°

270°

338° (327.4°T) 16.2

LEDAX (IAF) 8000

Waypoint Coordinates

Waypoint	Coordinates
LEDAX (IAF)	450542.75N 1413406.08E
ORISU (IAF/MAHF)	452757.54N 1410350.48E
ER550	452420.57N 1411706.21E
ER551 (IF)	451918.15N 1412143.46E
ER552 (FAF)	451704.20N 1411649.77E
RW25 (MAPt)	451447.08N 1411150.01E
ER553 (MATF)	451309.06N 1410816.27E

Contour Intervals: 2100 / 1600 / 1100 / 600 / AD elev. 99

RNAV HLDG (ORISU)
1MIN 349° 169° ORISU
MHA 3000 MAX 230KIAS

Using NAVAID (ORISU)
D20.0 RSE 349° 169° ORISU D14.2 RSE R349 RSE VOR/DME
MHA 3000 MAX 230KIAS

RNAV HLDG (LEDAX)
LEDAX 335° 155° 1MIN
MHA 8000 MAX 230KIAS

Using NAVAID (LEDAX)
RSE VOR/DME MHA 8000 MAX 230KIAS
R129 129° D24.0 RSE 309° LEDAX D18.5 RSE
LEDAX

NM to Next Fix	MAPt	2	3	4	FAF
ALT(3.0°APCH Path)	-	798	1117	1435	1500

MISSED APPROACH

Direct to ER553, turn right direct to ORISU and hold at 3000FT. Contact RISHIRI REMOTE.

(For using VOR/DME) Climb via RSE R247 to 3.0DME, turn right HDG034° to intercept and proceed via RSE R349 to ORISU and hold at 3000FT. Contact RISHIRI REMOTE.

RSE
RW25 (MAPt)
VDP (LNAV)
ER552 (FAF) 1500
ER551 (IF) 1500
3.00° 247°
247°
MDA   800 (701)
RDH 50

NM to THR	0	1.9	4.2	8.3

MINIMA   THR elev. 112   AD elev. 99

CAT	LNAV/VNAV DA(H)	LNAV/VNAV CMV	LNAV MDA(H)	LNAV CMV	CIRCLING MDA(H)	CIRCLING VIS
A	730(618)	1000	730(631)	1000	730(631)	1600
B	730(618)	1200	730(631)	1200	730(631)	1600
C						2400
D	-	-	-	-	-	-

Circling to NORTH side of RWY only.

INSTRUMENT APPROACH CHART

RJER / RISHIRI			RNAV(GNSS) RWY07	
SAPPORO CONTROL 132.6 - 255.2 134.25 - 260.4	1. DME/DME RNP0.3 not authorized. 2. RNP 0.3 required. 3. GNSS required.		RISHIRI REMOTE 122.7	NO RADAR

Baro-VNAV not authorized below -20°C

VAR 10°W (2020)

MSA 25NM
6700
ARP

ARP: *451431N / 1411115E*

Fix	Coordinates
LEDAX (IAF)	*450542.75N 1413406.08E*
ER770	*451713.73N 1411901.53E*
ER771	*451835.51N 1410959.60E*
ORISU (IAF/MAHF)	*452757.54N 1410350.48E*
ER772	*451308.16N 1405807.31E*
ER773 (IF)	*450952.10N 1410108.12E*
ER774 (FAF)	*451156.52N 1410538.37E*
RW07 (MAPt)	*451415.35N 1411040.77E*
ER775 (MATF)	*451553.29N 1411414.65E*

VOR/DME
RISHIRI
114.6 RSE
CH-93X
45°14'44"N/141°11'12"E

ORISU (IAF/MAHF) 3000

RNAV HLDG — 169° 349° ORISU — 1MIN — MHA 3000 MAX 230KIAS

Using NAVAID — D20.0 RSE — 169° 349° ORISU D14.2 RSE — R349 — RSE VOR/DME — MHA 3000 MAX 230KIAS

RNAV HLDG — 155° 335° LEDAX — 1MIN — MHA 8000 MAX 230KIAS

Using NAVAID — RSE VOR/DME — MHA 8000 MAX 230KIAS — R129 — 129° LEDAX D18.5 RSE — 309° — D24.0 RSE

10NM

ER771
ER770
ER775 (MATF)
RW07 (MAPt) 5646
ER772 2700
MAX 200KIAS
ER774 (FAF)
ER773 (IF)
LEDAX (IAF) 8000

Contour Intervals: 2100 / 1600 / 1100 / 600
AD elev. 99

KM: 1 0 1 2 3 4 5 6 7 8 9 10
NM: 1 0 1 2 3 4 5

NM to Next Fix	FAF	4	3	2	MAPt
ALT(3.0°APCH Path)	1500	1421	1102	784	-

Profile

ER773 (IF) 1500 — 067° — ER774 (FAF) 1500 — 3.00° 067° — VDP (LNAV) — RW07 (MAPt) — RDH 50

700 (601) MDA

RSE

| 8.0 | 4.2 | 1.5 | 0 | NM to THR |

MISSED APPROACH

Direct to ER775, turn left direct to ORISU and hold at 3000FT. Contact RISHIRI REMOTE.

(For using VOR/DME)
Climb via RSE R067 to 3.0DME, turn left HDG304° to intercept and proceed via RSE R349 to ORISU and hold at 3000FT. Contact RISHIRI REMOTE.

MINIMA

THR elev. 98   AD elev. 99

CAT	LNAV/VNAV		LNAV		CIRCLING	
	DA(H)	CMV	MDA(H)	CMV	MDA(H)	VIS
A	610(512)	1500	610(511)	1500	610(511)	1600
B						
C		2000		2000	630(531)	2400
D	-	-	-	-	-	-

Circling to NORTH side of RWY only.

INSTRUMENT APPROACH CHART

RJER / RISHIRI   Visual REP

VAR 10°W(2009) / 1.9′E

RISHIRI REMOTE
122.7

REBUN AP

HIMENUMA

KUTSUGATA

5NM from ARP
RISHIRI INFORMATION ZONE
At or below 3000FT

Webメルカトル図法（球体補正）/ Web Mercator projection

※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

CHANGE : Map updated. BRG/DIST from ARP.

Call sign	BRG / DIST from ARP	Remarks
姫沼 Himenuma	110°T / 2.7NM	姫沼 Pond
沓形 Kutsugata	217°T / 4.2NM	沓形岬 Cape

Note : In the SE through SW of the airport, A/G COM from Rishiri Remote is blinded by Mt. Rishiri(1,721m/5,646ft).

RJER / RISHIRI   Minimum Vectoring Altitude CHART

VAR 10°W (2004)

454251N
1405619E

454156N
1405708E

10000   8000   6000

WKE

RSE

451053N
1412418E

WKE 40NM

444826N
1412343E

30NM

444604N
1412340E

CENTER : *451444N/1411112E* (RSE VOR/DME)