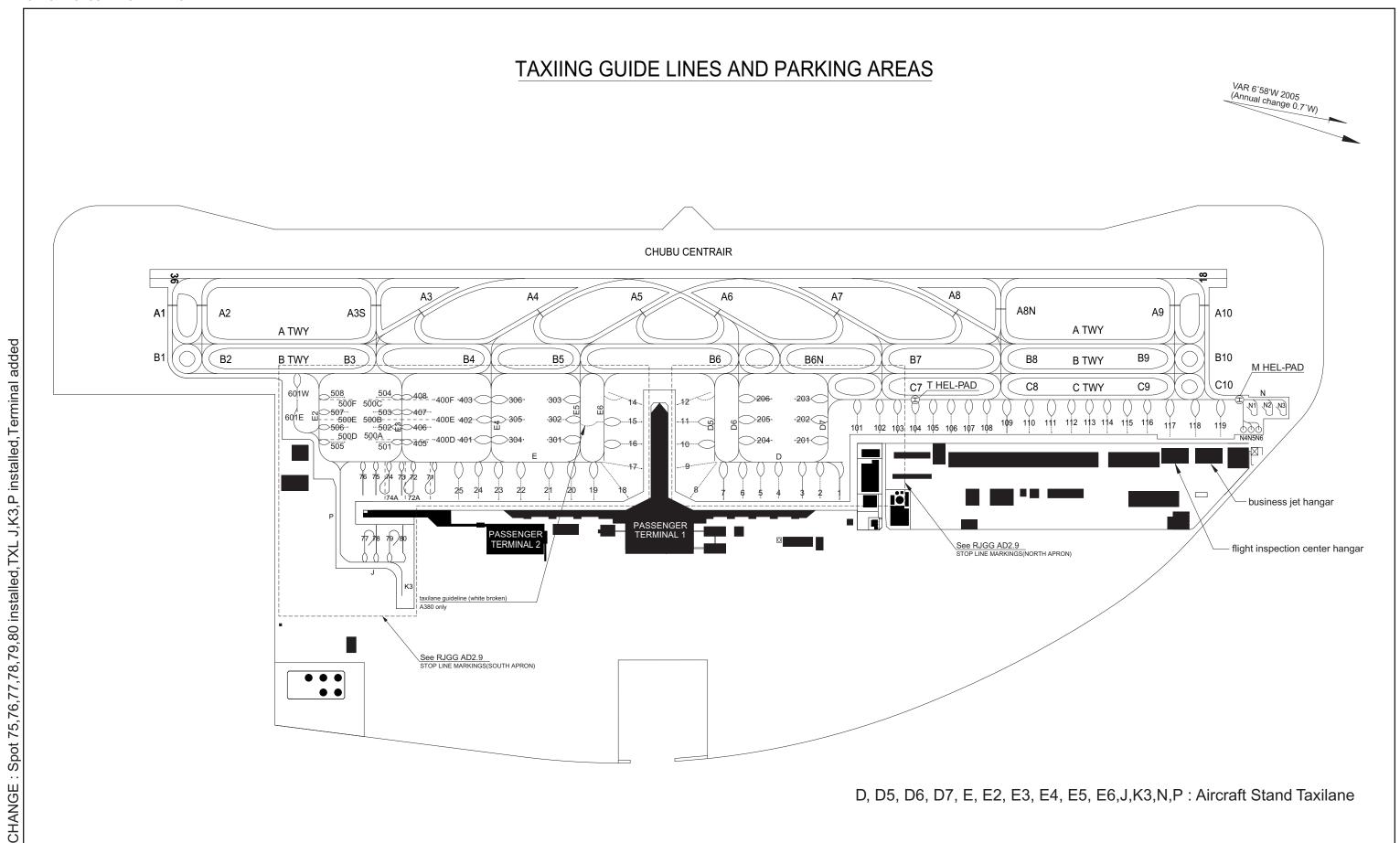
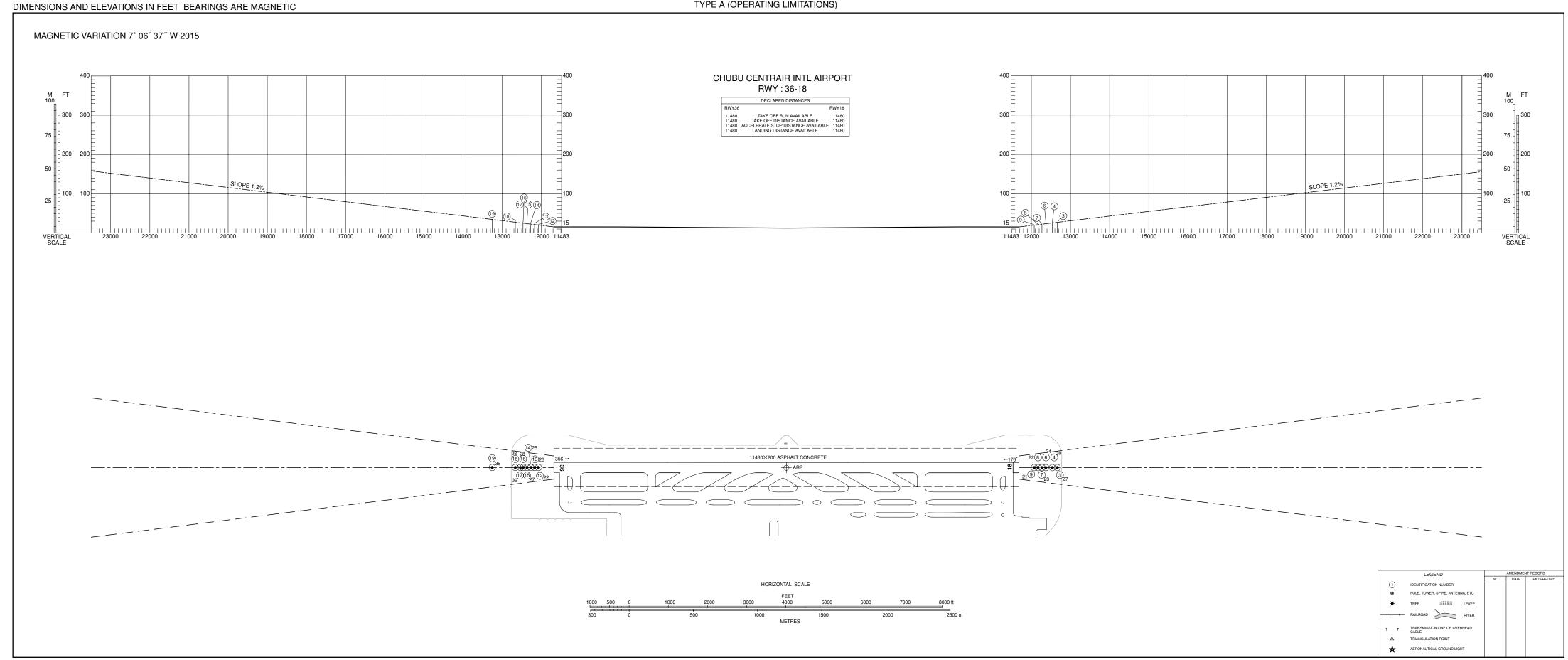


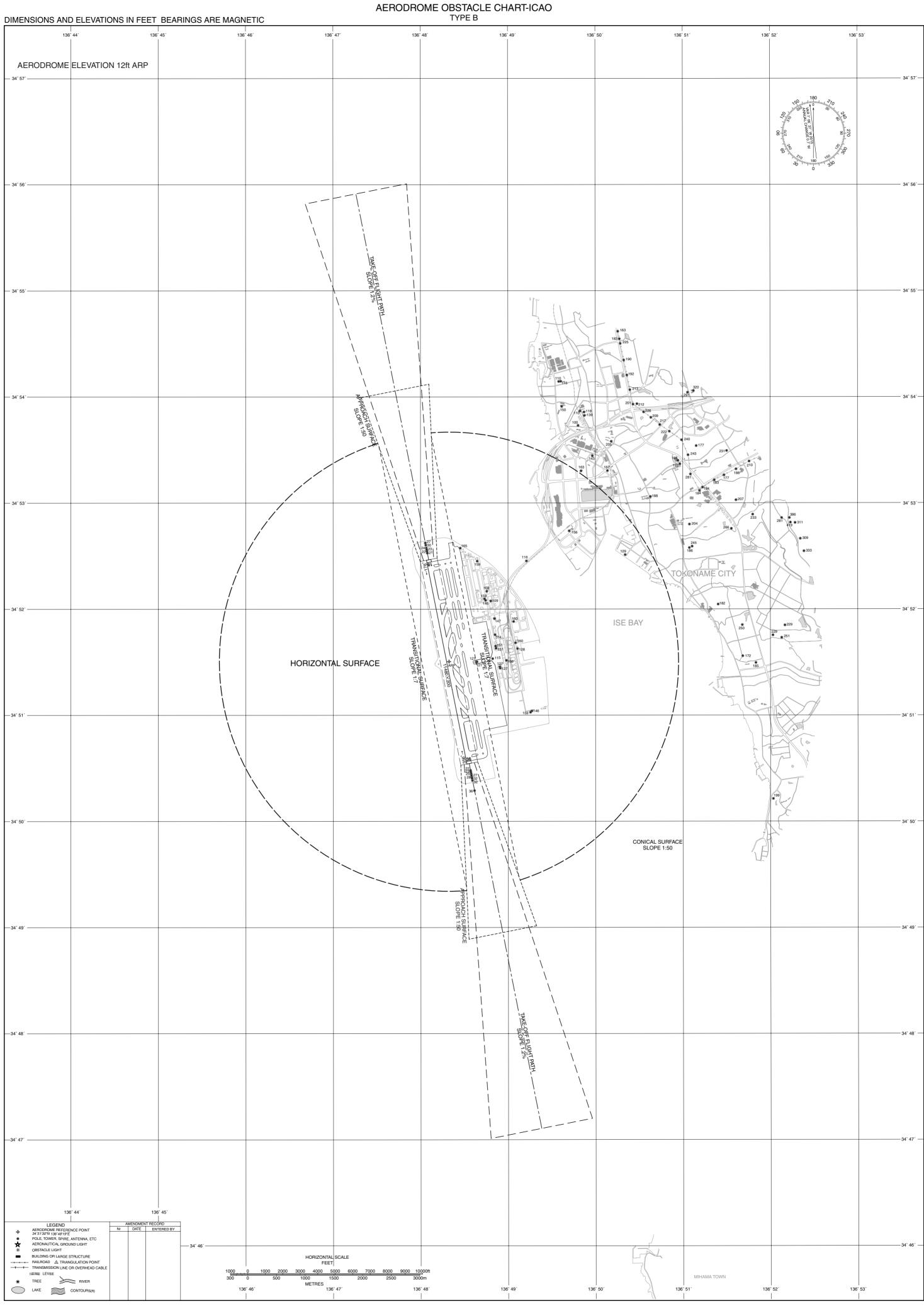
### AERODROME GROUND MOVEMENT CHART



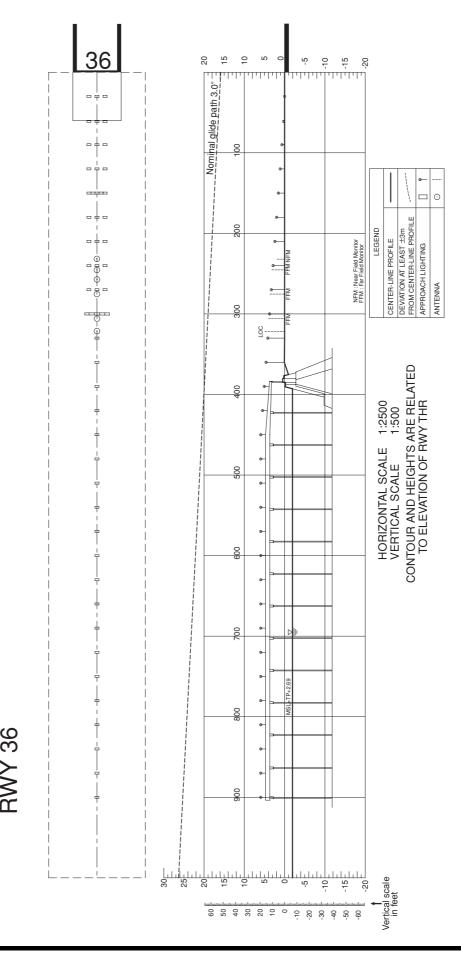
Civil Aviation Bureau, Japan (EFF:15 AUG 2019)

# AERODROME OBSTACLE CHART-ICAO TYPE A (OPERATING LIMITATIONS)



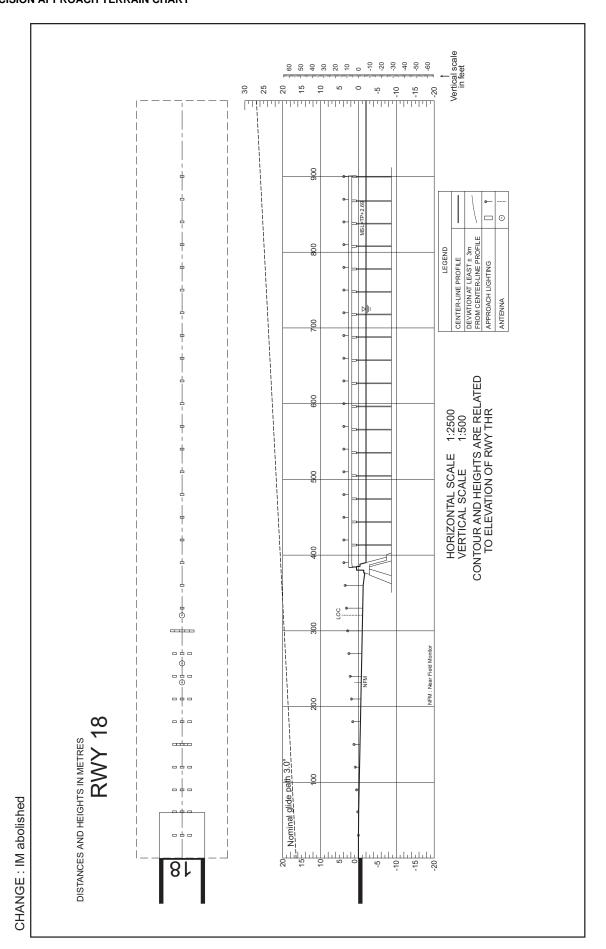


# PRECISION APPROACH TERRAIN CHART



DISTANCES AND HEIGHTS IN METRES

### PRECISION APPROACH TERRAIN CHART



### RJGG / CHUBU CENTRAIR

SID

# **ESPAN THREE DEPARTURE**

RWY18: Climb RWY HDG to 500FT, turn right,...

RWY36 : Climb RWY HDG to 500FT, turn left HDG260° to intercept and proceed via

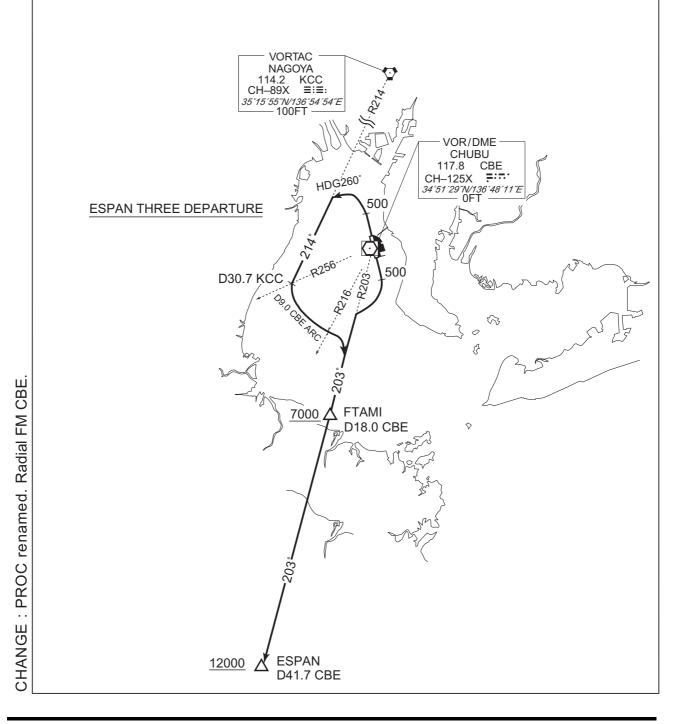
KCC R214 to 30.7DME(CBE R256), turn left, via CBE 9.0DME

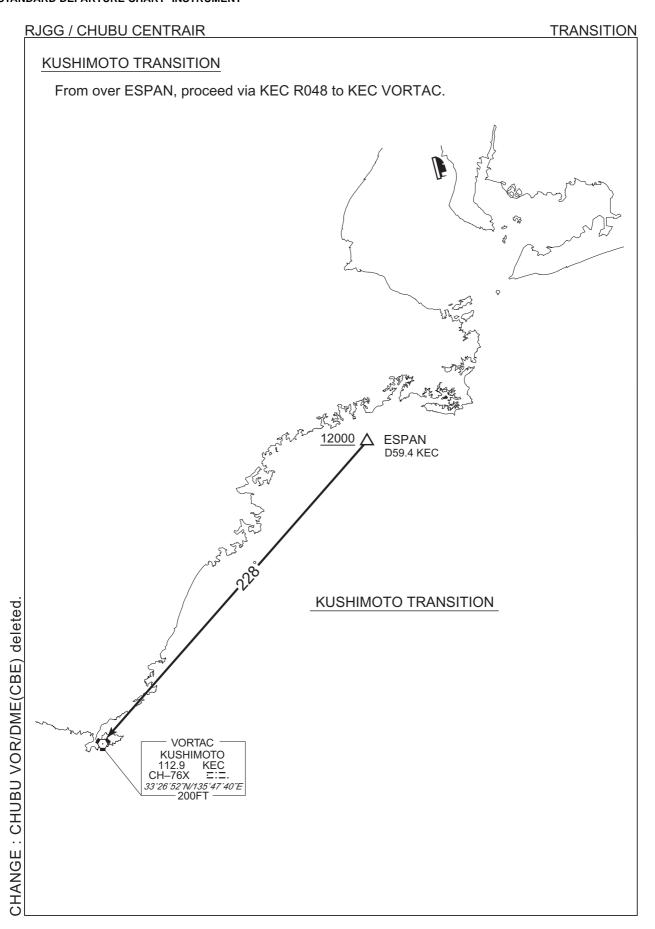
counterclockwise ARC,...

...via CBE R203 to ESPAN via FTAMI.

Cross FTAMI at or above 7000FT.

Cross ESPAN at or above 12000FT.





# RJGG / CHUBU CENTRAIR

SID

### HIKNE TWO DEPARTURE

RWY18: Climb RWY HDG to 500FT, turn right HDG359°...

RWY36: Climb RWY HDG to 500FT, turn left, via CBE R351 to 6.0DME, turn left

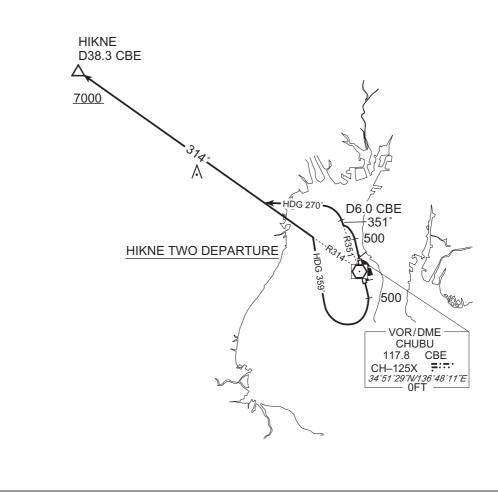
HDG270°...

...to intercept and proceed via CBE R314 to HIKNE.

Cross HIKNE at or above 7000FT.

NOTE RWY36: 3.7% climb gradient required up to 3700FT.

OBST ALT 3544FT located at 22.4NM 313° FM end of RWY36.



CHANGE: PROC renamed. Radial FM CBE

# RJGG / CHUBU CENTRAIR

SID

# **IKAROS THREE DEPARTURE**

RWY18: Climb RWY HDG to 500FT, turn right, via CBE R182 to 7.0DME, turn right,

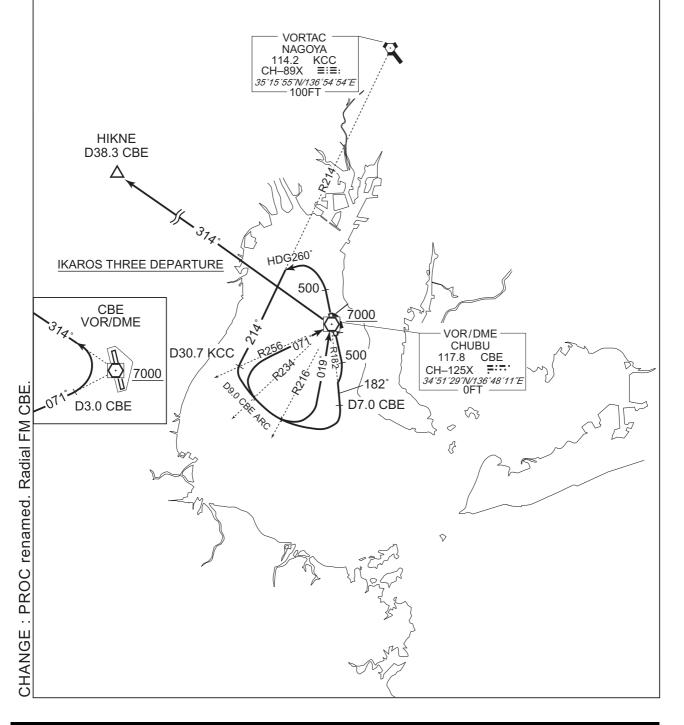
via CBE 9.0DME clockwise ARC, via CBE R251 to 3.0DME, turn left,...

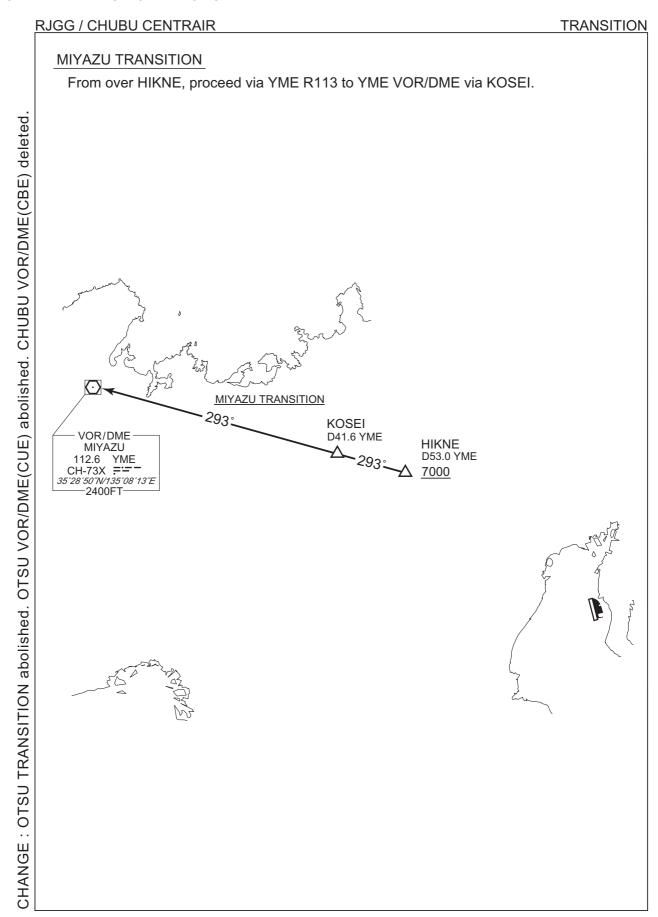
RWY36 : Climb RWY HDG to 500FT, turn left HDG260° to intercept and proceed via

KCC R214 to 30.7DME(CBE R256), turn left, via CBE 9.0DME counterclockwise ARC, via CBE R199 to CBE VOR/DME,...

...via CBE R314 to HIKNE.

Cross CBE VOR/DME at or above 7000FT.





# RJGG / CHUBU CENTRAIR

SID

# NAGOYA SIX DEPARTURE

RWY18: Climb RWY HDG to 500FT, turn right, via CBE R182 to 13.6DME, turn left,

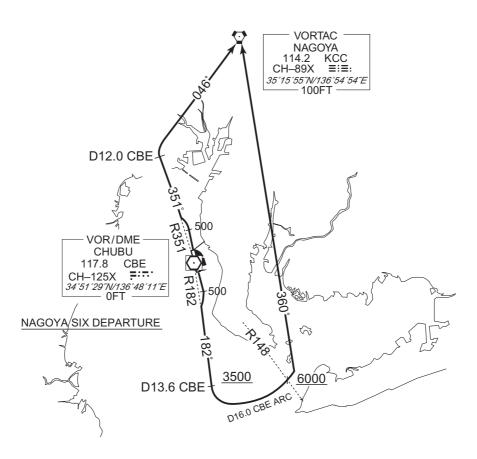
via CBE 16.0DME counterclockwise ARC, via KCC R180 to KCC VORTAC.

Cross CBE R182/13.6DME at or above 3500FT.

Cross CBE R148 at or above 6000FT.

RWY36 : Climb RWY HDG to 500FT, turn left, via CBE R351 to 12.0DME, turn right,

via KCC R226 to KCC VORTAC.



### RJGG / CHUBU CENTRAIR

SID

# CASTLE THREE DEPARTURE

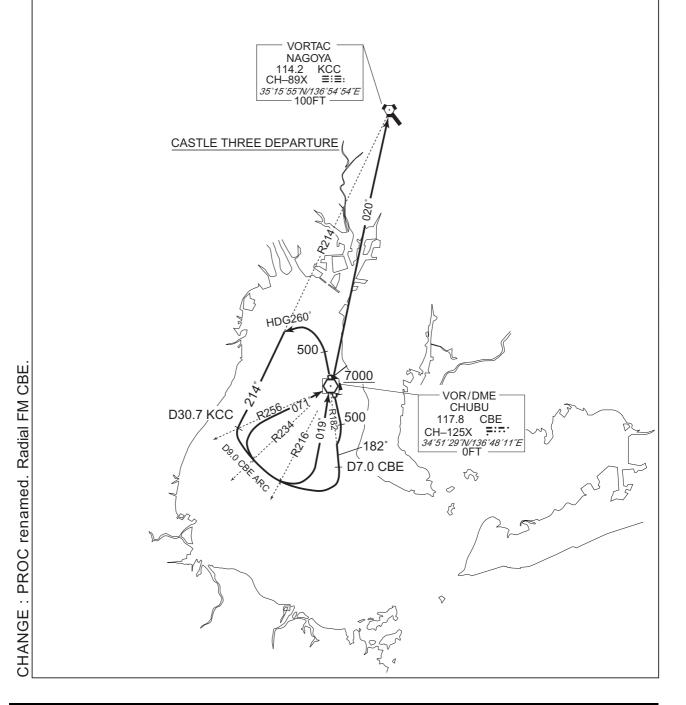
RWY18: Climb RWY HDG to 500FT, turn right, via CBE R182 to 7.0DME, turn right,

via CBE 9.0DME clockwise ARC, via CBE R251 to CBE VOR/DME,...

RWY36 : Climb RWY HDG to 500FT, turn left HDG260° to intercept and proceed via

KCC R214 to 30.7DME(CBE R256), turn left, via CBE 9.0DME counterclockwise ARC, via CBE R199 to CBE VOR/DME,...

...via CBE R020/KCC R200 to KCC VORTAC. Cross CBE VOR/DME at or above 7000FT.



# RJGG / CHUBU CENTRAIR

SID

# MORIZ TWO DEPARTURE

RWY18: Climb RWY HDG to 500FT, turn right, via CBE R182 to 13.6DME, turn left,

via CBE 16.0DME counterclockwise ARC, via KCC R180,...

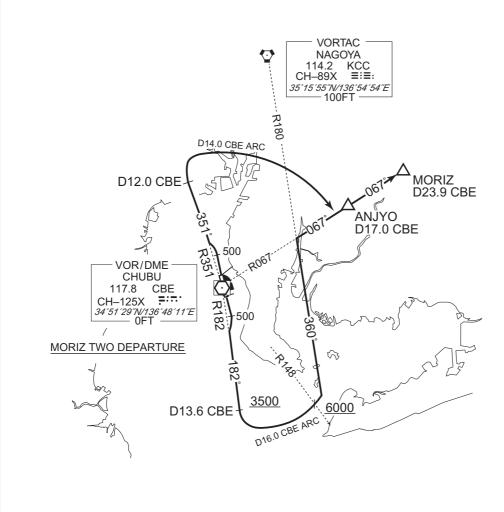
Cross CBE R182/13.6DME at or above 3500FT.

Cross CBE R148 at or above 6000FT.

RWY36 : Climb RWY HDG to 500FT, turn left, via CBE R351 to 12.0DME, turn right,

via CBE 14.0DME clockwise ARC,...

...via CBE R067 to MORIZ via ANJYO.



# RJGG / CHUBU CENTRAIR

SID

# FOREST THREE DEPARTURE

RWY18 : Climb RWY HDG to 500FT, turn right, via CBE R182 to 7.0DME, turn right,

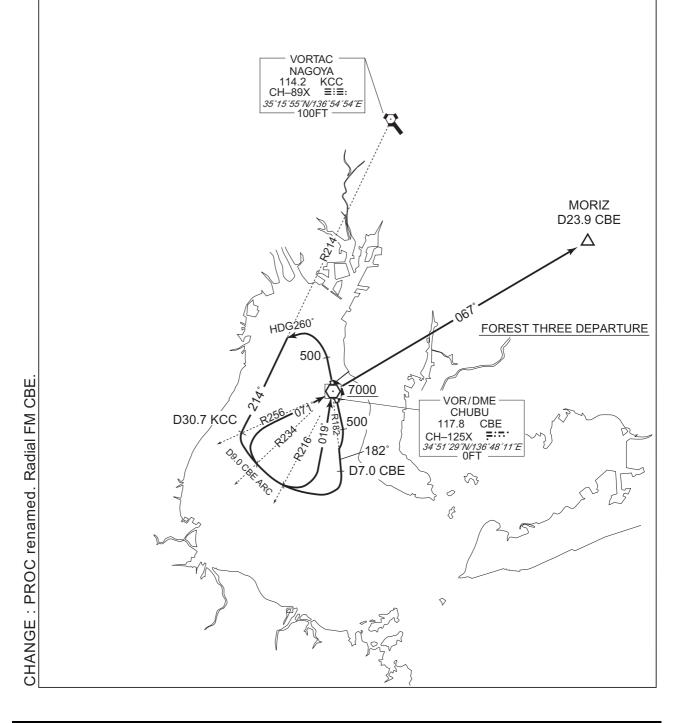
via CBE 9.0DME clockwise ARC, via CBE R251 to CBE VOR/DME,...

RWY36: Climb RWY HDG to 500FT, turn left HDG260° to intercept and proceed via

KCC R214 to 30.7DME(CBE R256), turn left, via CBE 9.0DME counterclockwise ARC, via CBE R199 to CBE VOR/DME,...

...via CBE R067 to MORIZ.

Cross CBE VOR/DME at or above 7000FT.



# RJGG / CHUBU CENTRAIR

SID

# MODEL THREE DEPARTURE

RWY18: Climb RWY HDG to 500FT, turn right, via CBE R182 to 13.6DME, turn left,

via CBE 16.0DME counterclockwise ARC,...

Cross CBE R182/13.6DME at or above 3500FT.

Cross CBE R148 at or above 7000FT.

RWY36 : Climb RWY HDG to 500FT, turn left HDG260° to intercept and proceed via

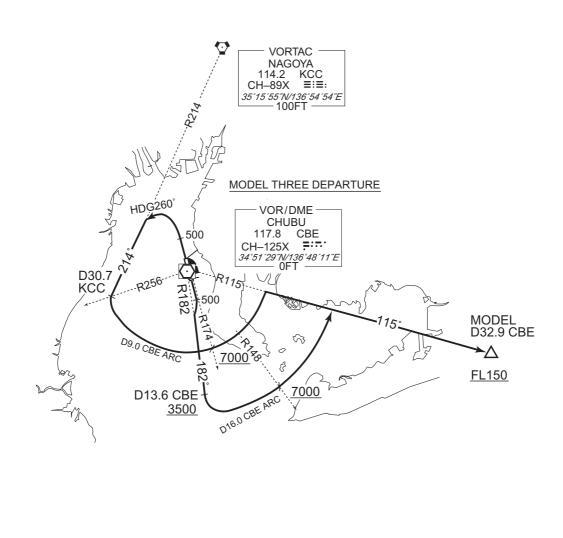
KCC R214 to 30.7DME(CBE R256), turn left, via CBE 9.0DME

counterclockwise ARC,...

Cross CBE R174 at or above 7000FT.

...via CBE R115 to MODEL.

Cross MODEL at or above FL150.



### RJGG / CHUBU CENTRAIR

**TRANSITION** 

# **KROBE TRANSITION**

From over KCC VORTAC, proceed via KCC R034 to KROBE via STRAW. Cross STRAW at or above FL200.

# **GOHEI TRANSITION**

From over KCC VORTAC, proceed via KCC R029 to GOHEI via SOBAR. Cross SOBAR at or above FL200.

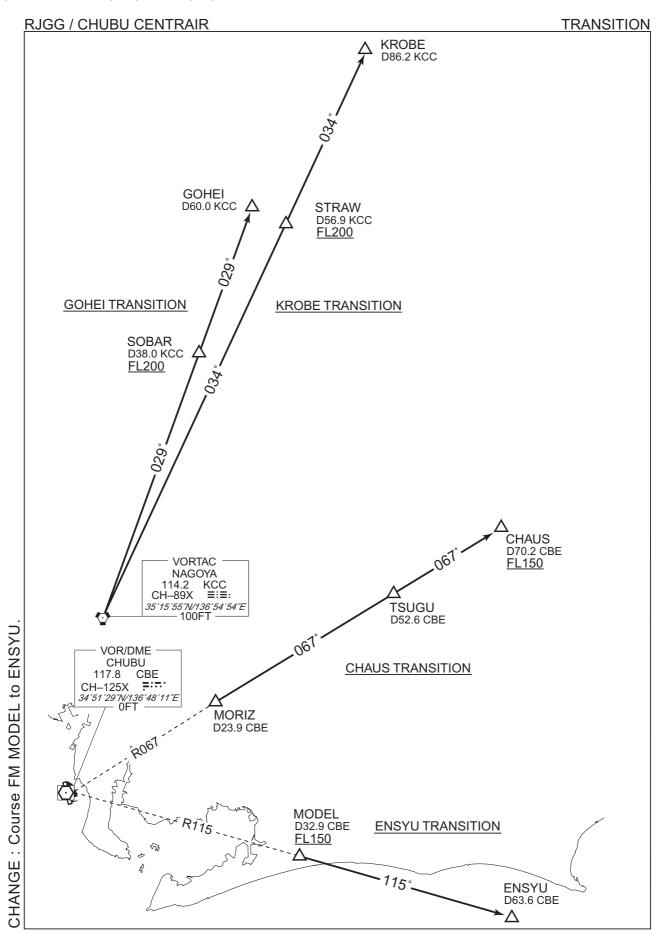
# **CHAUS TRANSITION**

From over MORIZ, proceed via CBE R067 to CHAUS via TSUGU. Cross CHAUS at or above FL150.

# **ENSYU TRANSITION**

From over MODEL, proceed via CBE R115 to ENSYU.

CHANGE: Course FM MODEL to ENSYU.

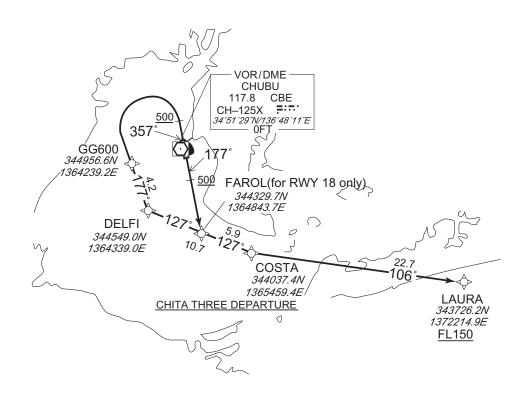


# RJGG / CHUBU CENTRAIR

**RNAV SID** 

			RNAV 1
Note 1) DME/DME/IRU or GNSS required.  %The aircraft equipped with only DME/DME/IRU must be able to update its position without dela at the starting point of take-off roll.  2) RADAR service required.	y Critical DME	RWY18 XMT: 2.0NM from DE KCC: 18.7NM to LAU RWY36 XMT: 1.2NM to DELF KCC: 18.7NM to LAU CBE: DELFI – 9.0NM	RA – LAURA I – 4.0NM to COSTA RA – LAURA
	DME GAP	RWY36 : DER - 3.0NN	0NM to LAURA
	Inappropriate Navaids	See AD1.1.6.10.3. Inappro	priate NAVAIDs for RNAV1.

VAR 8°W(2020)



### CHITA THREE DEPARTURE

RWY18: Climb on HDG177° at or above 500FT, direct to FAROL, to COSTA, to LAURA at or above FL150.

RWY36: Climb on HDG357° at or above 500FT, turn left direct to GG600, to DELFI, to COSTA, to LAURA

at or above FL150.

# RJGG / CHUBU CENTRAIR

**RNAV SID** 

# CHITA THREE DEPARTURE

# RWY18

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	_	_	177 (168.8)	-7.8	_	_	+500	_	_	RNAV1
002	DF	FAROL	_	_	-7.8	_	_	-	_	_	RNAV1
003	TF	COSTA	_	127 (119.1)	-7.8	5.9	_	_	_	_	RNAV1
004	TF	LAURA	_	106 (097.9)	-7.8	22.7	_	+FL150	_	_	RNAV1

# RWY36

	1 ( ) ) 1 0 (	,										
	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	_	_	357 (348.8)	-7.8		1	+500	-	_	RNAV1
	002	DF	GG600	_	_	-7.8	_	L	-	_	_	RNAV1
	003	TF	DELFI	_	177 (168.8)	-7.8	4.2	_	_	_	_	RNAV1
	004	TF	COSTA	_	127 (119.1)	-7.8	10.7	_	_	_	_	RNAV1
ı	005	TF	LAURA	_	106 (097.9)	-7.8	22.7	_	+FL150	_	_	RNAV1

# RJGG / CHUBU CENTRAIR **RNAV TRANSITION BOGON TRANSITION** RNAV 1 Note 1) DME/DME/IRU or GNSS required. Critical DME 2) RADAR service required. DME GAP Inappropriate See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1. Navaids VAR 8°W(2020) VOR/DME CHUBU 117.8 CBE CH-125X =:--34°51′29″N/136°48′11″E **BOGON TRANSITION** ξ) LAURA 343726.2N 1372214.9E Q

FL150

BOGON 343233.0N 1373543.8E

# **BOGON TRANSITION**

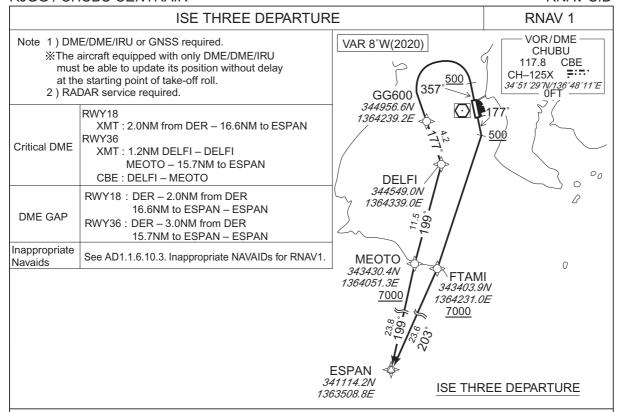
From LAURA at or above FL150, to BOGON.

# **BOGON TRANSITION**

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over		Magnetic Variation		Turn Direction		•		Navigation Specification
001	IF	LAURA	_	_	-7.8	_	_	+FL150	_	_	RNAV1
002	TF	BOGON	_	121 (113.7)	-7.8	12.1	_	_	_	_	RNAV1

### RJGG / CHUBU CENTRAIR

**RNAV SID** 



### ISE THREE DEPARTURE

RWY18: Climb on HDG177° at or above 500FT, turn right direct to FTAMI at or above 7000FT, to ESPAN.

RWY36: Climb on HDG357° at or above 500FT, turn left direct to GG600, to DELFI, to MEOTO

at or above 7000FT, to ESPAN.

### ISE THREE DEPARTURE

### RWY18

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	_	_	177 (169.0)	-7.8	_	_	+500	_	_	RNAV1
002	DF	FTAMI	_	_	-7.8	_	R	+7000	_	_	RNAV1
003	TF	ESPAN	_	203 (195.0)	-7.8	23.6	_	_	_	_	RNAV1

### RWY36

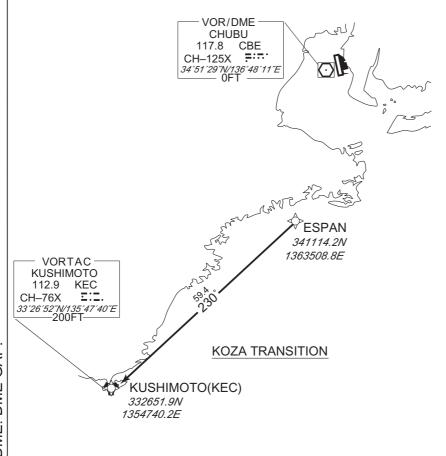
5	Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
	001	VA	_	_	357 (349.0)	-7.8	_	_	+500	_	_	RNAV1
	002	DF	GG600	_	_	-7.8	_	L	_	_	_	RNAV1
•	003	TF	DELFI	_	177 (168.8)	-7.8	4.2	_	_	_	_	RNAV1
	004	TF	МЕОТО	_	199 (191.5)	-7.8	11.5	_	+7000	_	_	RNAV1
	005	TF	ESPAN	_	199 (191.5)	-7.8	23.8	_	_	_	_	RNAV1

# RJGG / CHUBU CENTRAIR

# **RNAV TRANSITION**

KOZA TRANSIT	TON		RNAV 1
Note 1) DME/DME/IRU or GNSS required. 2) RADAR service required.	Critical DME	KEC: 13NM to KEC – 6	NM to KEC
, .	DME GAP	3.0NM to KEC – KEC	
	Inappropriate Navaids	See AD1.1.6.10.3. Inappro	opriate NAVAIDs for RNAV1.

# VAR 8°W(2020)



# **KOZA TRANSITION**

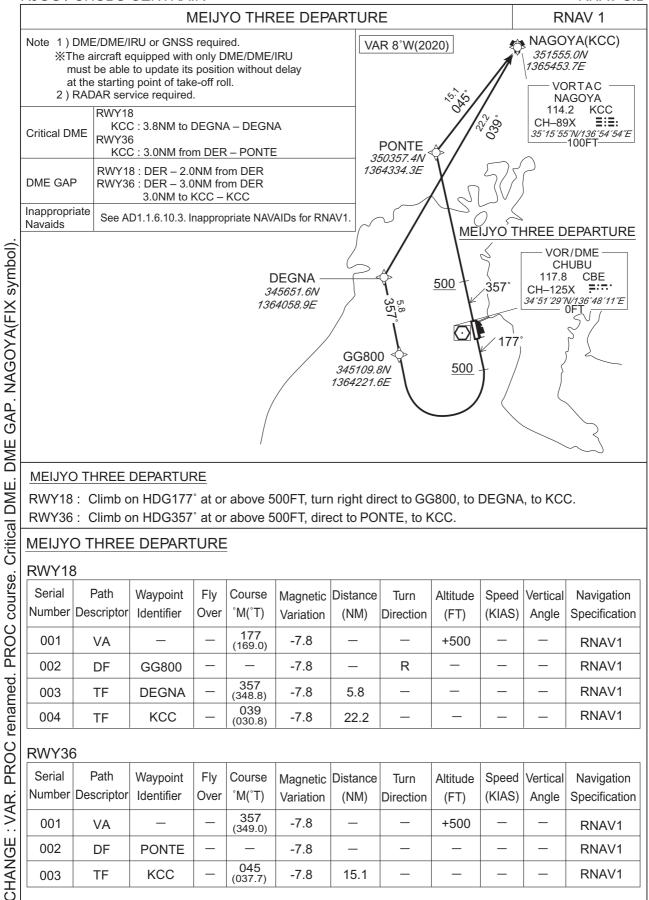
From ESPAN, to KEC.

# **KOZA TRANSITION**

Seri Num	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
00	1 IF	ESPAN	_	_	-7.8	_	_	_	_	_	RNAV1
00	2 TF	KEC	_	230 (221.9)	-7.8	59.4	_	_	_	_	RNAV1

### RJGG / CHUBU CENTRAIR

**RNAV SID** 



# MEIJYO THREE DEPARTURE

RWY18: Climb on HDG177° at or above 500FT, turn right direct to GG800, to DEGNA, to KCC.

RWY36: Climb on HDG357° at or above 500FT, direct to PONTE, to KCC.

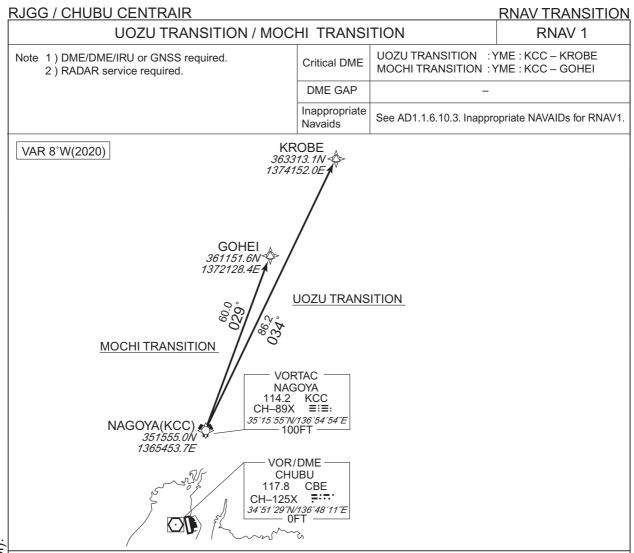
# MEIJYO THREE DEPARTURE

### RWY18

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	_	_	177 (169.0)	-7.8	_	_	+500	_	_	RNAV1
002	DF	GG800	_	_	-7.8	_	R	_	_	_	RNAV1
003	TF	DEGNA	_	357 (348.8)	-7.8	5.8	_	_	_	_	RNAV1
004	TF	KCC	_	039 (030.8)	-7.8	22.2	_	_	_	_	RNAV1

# RWY36

П												
	Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
	001	VA	_	_	357 (349.0)	-7.8	_	_	+500	_	_	RNAV1
	002	DF	PONTE	_	_	-7.8	_	_	-	_	_	RNAV1
	003	TF	KCC	_	045 (037.7)	-7.8	15.1	_	_	_	_	RNAV1
1												



UOZU TRANSITION
From KCC, to KROBE.
MOCHI TRANSITION
From KCC, to GOHEI.

# **UOZU TRANSITION**

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	$^{\circ}M(^{\circ}T)$	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	IF	KCC	_	_	-7.8	_	_	_	_	_	RNAV1
002	TF	KROBE	_	034 (026.0)	-7.8	86.2	_	_	_	_	RNAV1

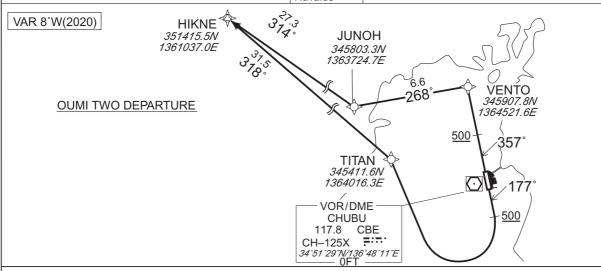
# **MOCHI TRANSITION**

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over		Magnetic Variation		Turn Direction	Altitude (FT)	l '		Navigation Specification
001	IF	KCC	_	_	-7.8	_	_	-	_	_	RNAV1
002	TF	GOHEI	_	029 (021.0)	-7.8	60.0	_	_	_	_	RNAV1

# RJGG / CHUBU CENTRAIR

**RNAV SID** 

OUMI TWO DEPA	OUMI TWO DEPARTURE									
Note 1) DME/DME/IRU or GNSS required.  XThe aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll.  2) RADAR service required.	Critical DME	,	om DER – 7.0NM to TITAN AN – 23.0NM to HIKNE DER – HIKNE							
	DME GAP	RWY18 : DER - 2.0NM RWY36 : DER - 3.0NM								
	Inappropriate Navaids	See AD1.1.6.10.3. Inappro	opriate NAVAIDs for RNAV1.							



### **OUMI TWO DEPARTURE**

RWY18: Climb on HDG177° at or above 500FT, turn right direct to TITAN, to HIKNE. RWY36: Climb on HDG357° at or above 500FT, direct to VENTO, to JUNOH, to HIKNE.

NOTE RWY36: 3.7% climb gradient required up to 3800FT.

OBST ALT 3680FT located at 22.5NM 313° FM end of RWY36.

# **OUMI TWO DEPARTURE**

### RWY18

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	177 (169.0)	-7.8	_	_	+500	_	_	RNAV1
002	DF	TITAN	_	_	-7.8	_	R	_	_	_	RNAV1
003	TF	HIKNE	_	318 (309.7)	-7.8	31.5	_	_	_	_	RNAV1

# RWY36

1 ( ) ( )											
Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	Navigation
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	VA	_	_	357 (349.0)	-7.8	1	_	+500	_	_	RNAV1
002	DF	VENTO	_	_	-7.8	-	_	_	_	_	RNAV1
003	TF	JUNOH	-	268 (260.7)	-7.8	6.6	_	_	_	_	RNAV1
004	TF	HIKNE	_	314 (306.6)	-7.8	27.3	_	_	_	_	RNAV1
	Serial Number 001 002 003	Serial Path Number Descriptor  001 VA  002 DF  003 TF	Serial Path Waypoint Identifier  001 VA —  002 DF VENTO  003 TF JUNOH	Serial NumberPath DescriptorWaypoint IdentifierFly Over001VA——002DFVENTO—003TFJUNOH—	Serial Number Descriptor         Path Identifier         Waypoint Over Over M(°T)         Fly Over M(°T)           001         VA         —         —         357 (349.0)           002         DF         VENTO         —         —           003         TF         JUNOH         —         268 (260.7)           004         TE         HIKNE         —         314	Serial Number         Path Descriptor         Waypoint Identifier         Fly Over of Moral	Serial Number         Path Descriptor         Waypoint Identifier         Fly Over of Moral	Serial Number         Path Descriptor         Waypoint Identifier         Fly Over Over Over Over Over Over Over Over	Serial Number         Path Descriptor         Waypoint Identifier         Fly Over over over over over over over over o	Serial Number         Path Descriptor         Waypoint Identifier         Fly Over over over over over over over over o	Serial Number         Path Descriptor         Waypoint Identifier         Fly Over Over Over Over Over Over Over Over

### RJGG / CHUBU CENTRAIR **RNAV TRANSITION** RNAV 1 TANGO TRANSITION / PIONE TRANSITION / MIDER TRANSITION TANGO TRANSITION Note 1) DME/DME/IRU or GNSS required. KNE: HIKNE - 45.0NM to YME 2) RADAR service required. YOE: 45.0NM YME - 42.0NM to YME PIONE TRANSITION Critical DME PIONE TRANSITION DME GAP HIKNE - 40.0NM to WAKIT TZT: 10.0NM to PIONE - PIONE MIDER TRANSITION Inappropriate See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1 YME: 10.6NM to MIDER - 5.5NM to MIDER Navaids VOR/DME VAR 8°W(2020) MIYAZU 112.6 YME CH-73X == 35°28′50″N/135°08′13″E 2400FT TANGO TRANSITION MIYAZU(YME) 53.0 352850.5N 1350813.3E 294 **HIKNE** 351415.5N 62.7 1361037.0E PIONE TRANSITION 3/10 267 MIYAZU(FIX symbol) WAKIT 49.8 **MIDER** 350157.9N 1345532.0E 350101.4N 1354933.6E VOR/DMF MIDER TRANSITION CHUBU CL 50 117.8 CBE GAP. CH-125X **.... PIONE** 34°51′29″N/136°48′11″E ——— 0FT ——— 344017.0N DME ( 1340054.5E DME. TANGO TRANSITION Critical From HIKNE, to YME. PIONE TRANSITION course. From HIKNE, to WAKIT, to PIONE. MIDER TRANSITION PROC From HIKNE, to MIDER. TRANSITION established. TANGO TRANSITION Fly Turn Altitude Vertical Navigation Serial Path Waypoint Course Magnetic Distance Speed (NM) Number Descriptor Over (FT) (KIAS) Specification Identifier °M(°T) Variation Direction Angle 001 IF **HIKNE** -7.8 RNAV1

YME

002

MIDER

CHANGE: VAR.

TF

294

(286.3)

-7.8

53.0

RNAV1

# CHANGE: VAR. Course FM HIKNE to WAKIT. MIDER TRANSITION established.

# STANDARD DEPARTURE CHART -INSTRUMENT

# RJGG / CHUBU CENTRAIR

# **RNAV TRANSITION**

# PIONE TRANSITION

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	3
001	IF	HIKNE	_	_	-7.8	_	_	_	_	_	RNAV1
002	TF	WAKIT	_	267 (259.0)	-7.8	62.7	_	_	_	_	RNAV1
003	TF	PIONE	_	252 (244.4)	-7.8	49.8	_	_	_	_	RNAV1

# **MIDER TRANSITION**

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction		Speed (KIAS)		Navigation Specification
001	IF	HIKNE	_	_	-7.8	_	_	-	_	_	RNAV1
002	TF	MIDER	_	240 (232.6)	-7.8	21.7	_	_	_	_	RNAV1

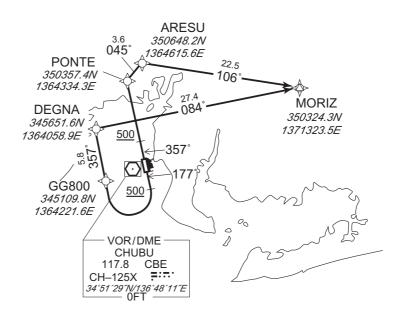
### RJGG / CHUBU CENTRAIR

**RNAV SID** 

TOYOTA THREE DE	PARTURE		RNAV 1	
Note 1) DME/DME/IRU or GNSS required.  **The aircraft equipped with only DME/DME/IRU must be able to update its position without delay at the starting point of take-off roll.  2) RADAR service required.	Critical DME	RWY18 KCC: 3.8NM to DEGNA – DEGNA RWY36 KCC: 3.0NM from DER – 18.0NM to MOXMT: 20.0NM to MORIZ – 18.0NM to MOXMT		
	DME GAP	RWY18: DER – 2.0NM from DER RWY36: DER – 3.0NM from DER 18.0NM to MORIZ – 14.0NM to MOR		
	Inappropriate Navaids	See AD1.1.6.10.3. Inappro	opriate NAVAIDs for RNAV1.	

VAR 8°W(2020)

### TOYOTA THREE DEPARTURE



TOYOTA THREE DEPARTURE

RWY18: Climb on HDG177° at or above 500FT, turn right direct to GG800, to DEGNA, to MORIZ.

RWY36: Climb on HDG357° at or above 500FT, direct to PONTE, to ARESU, to MORIZ.

# RJGG / CHUBU CENTRAIR

**RNAV SID** 

# TOYOTA THREE DEPARTURE

# RWY18

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	_	_	177 (169.0)	-7.8	_	_	+500	_	_	RNAV1
002	DF	GG800	_	_	-7.8	_	R	_	_	_	RNAV1
003	TF	DEGNA	_	357 (348.8)	-7.8	5.8	_	_	_	_	RNAV1
004	TF	MORIZ	_	084 (076.0)	-7.8	27.4	_	_	_	_	RNAV1

# RWY36

LAN 1 20	0										
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	VA	_	_	357 (349.0)	-7.8	_	_	+500	_	_	RNAV1
002	DF	PONTE	_	_	-7.8	_	_	_	_	_	RNAV1
003	TF	ARESU	_	045 (037.7)	-7.8	3.6	_	_	_	_	RNAV1
004	TF	MORIZ	_	106 (098.6)	-7.8	22.5	_	_	_	_	RNAV1

# RJGG / CHUBU CENTRAIR **RNAV TRANSITION IIDA TRANSITION** RNAV 1 XMT: 3.7NM to TSUGU - TSUGU Note 1) DME/DME/IRU or GNSS required. Critical DME KCC: MORIZ - TSUGU 2) RADAR service required. NJT: 1.6NM to CHAUS - CHAUS DME GAP Inappropriate See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1. Navaids VAR 8°W(2020) 17.6 **CHAUS** 067 352633.3N 1380229.3E FL150 **TSUGU** 351740.7N 1374350.8E 28.1 666 **IIDA TRANSITION** VOR/DMÉ CHUBU 117.8 CBE CH-125X **F::::** 34°51′29″W/136°48′11″E OFT **MORIZ** 350324.3N 1371323.5E

# **IIDA TRANSITION**

From MORIZ, to TSUGU, to CHAUS at or above FL150.

# **IIDA TRANSITION**

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	MORIZ	_	_	-7.8	_	_	_	_	_	RNAV1
002	TF	TSUGU	_	068 (060.0)	-7.8	28.7	_	_	_	_	RNAV1
003	TF	CHAUS	_	067 (059.6)	-7.8	17.6	_	+FL150	_	_	RNAV1



### STANDARD ARRIVAL CHART-INSTRUMENT

# RJGG / CHUBU CENTRAIR

STAR RWY36

### SOUTH ARC ARRIVAL

From over CARDS, via CBE R225, turn right ,via CBE 21.0DME counterclockwise ARC, turn left....

From over CHESS, via CBE R340, turn right ,via CBE 21.0DME counterclockwise ARC, turn left....

From over SWING, via CBE R042, turn left ,via CBE 21.0DME clockwise ARC, turn right....

From over SLIDE, via CBE R056, turn left, via CBE 21.0DME clockwise ARC, turn right....

From over TRIKE, via CBE R106,turn left ,via CBE 21.0DME clockwise ARC, turn right....

From over BIWWA, via CBE R308, turn right ,via CBE 21.0DME counterclockwise ARC, turn left....

### for ILS Z RWY36 and LOC Z RWY36:

....to intercept and proceed via ICX-LOC to PROBE.

Cross CBE R209 at or above 6000FT, cross CBE R196 at or above 5000FT(when started from CARDS or BIWWA or CHESS).

Cross CBE R125 at or above 5000FT(when started from SWING or SLIDE or TRIKE).

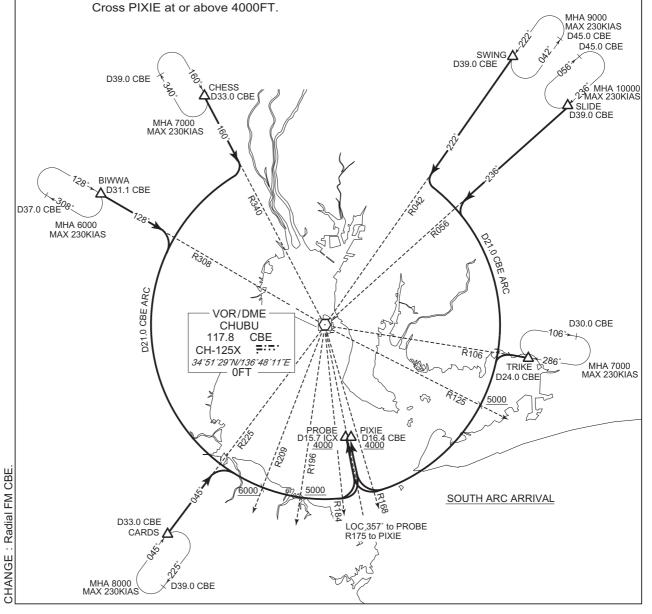
Cross PROBE at or above 4000FT.

### for VOR RWY36:

....to intercept and proceed via CBE R175 to PIXIE.

Cross CBE R209 at or above 6000FT, cross CBE R196 at or above 5000FT(when started from CARDS or BIWWA or CHESS ).

Cross CBE R125 at or above 5000FT(when started from SWING or SLIDE or TRIKE).



### STANDARD ARRIVAL CHART -INSTRUMENT

### RJGG / CHUBU CENTRAIR

STAR RWY18

# NORTH ARC ARRIVAL

From over CARDS, via CBE R225, turn left, via CBE 21.0DME clockwise ARC, turn right....

From over CHESS, via CBE R340 turn left, via CBE 21.0DME clockwise ARC, turn right....

From over SWING, via CBE R042 turn right, via CBE 21.0DME counterclockwise ARC, turn left....

From over SLIDE, via CBE R056 turn right, via CBE 21.0DME counterclockwise ARC, turn left....

From over TRIKE, via CBE R106 turn right, via CBE 21.0DME counterclockwise ARC, turn left....

From over BIWWA, via CBE R308 turn left, via CBE 21.0DME clockwise ARC, turn right....

### for ILS Z RWY18 and LOC Z RWY18:

....to intercept and proceed via ICY-LOC to QUEST.

Cross CBE R331 at or above 6000FT, (when started from CARDS or BIWWA)

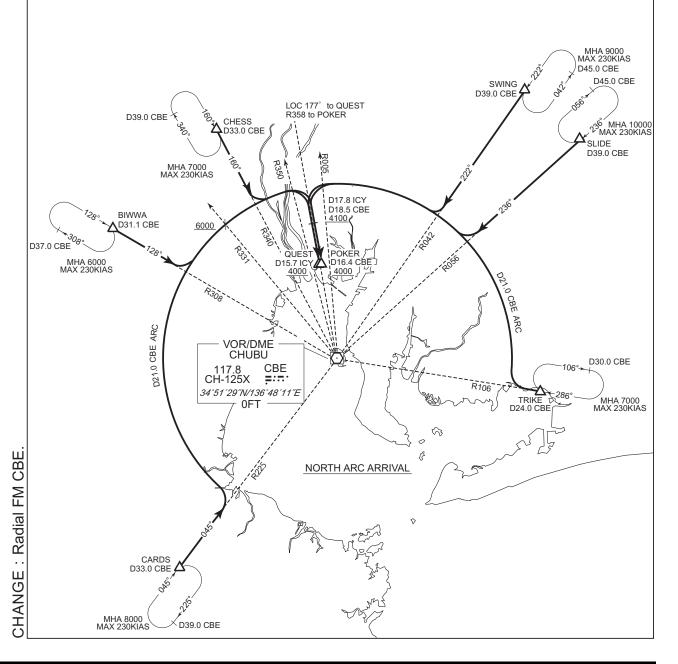
Cross ICY 17.8DME at or above 4100FT, cross QUEST at or above 4000FT.

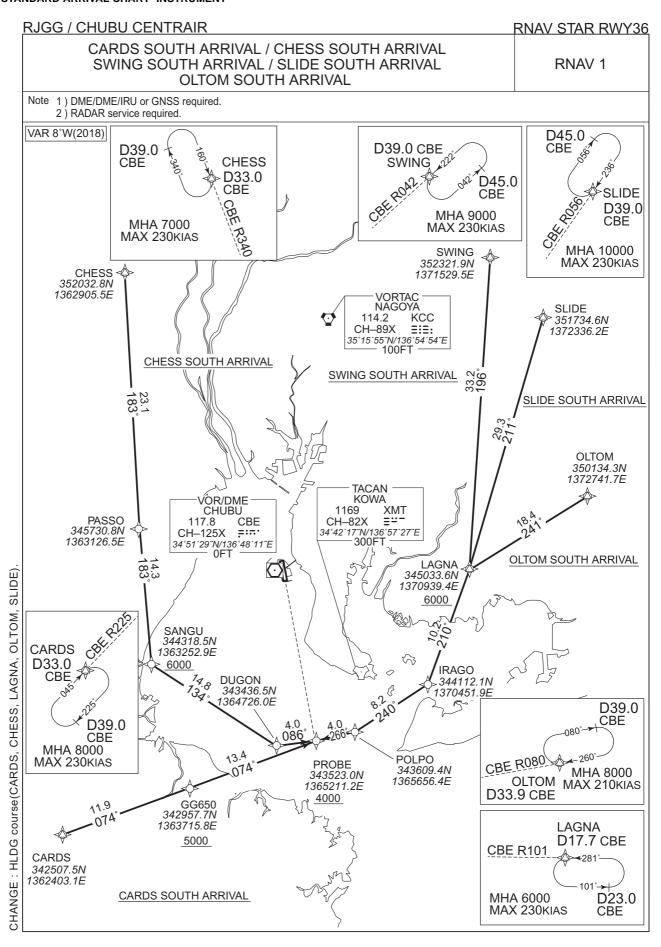
### for VOR RWY18:

....to intercept and proceed via CBE R358 to POKER.

Cross CBE R331 at or above 6000FT, (when started from CARDS or BIWWA)

Cross CBE R358/18.5DME at or above 4100FT, cross POKER at or above 4000FT.





# RJGG / CHUBU CENTRAIR

# **RNAV STAR RWY36**

# CARDS SOUTH ARRIVAL

From CARDS, to GG650 at or above 5000FT, to PROBE at or above 4000FT.

Critical DME	XMT : 10.0NM to PROBE~PROBE
DME GAP	_
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	CARDS	_	_	-7.6	_	_	_	_	_	RNAV1
002	TF	GG650	_	074 (066.0)	-7.6	11.9	-	+5000	_	_	RNAV1
003	TF	PROBE	_	074 (066.1)	-7.6	13.4	-	+4000	_	_	RNAV1

# CHESS SOUTH ARRIVAL

From CHESS, to PASSO, to SANGU at or above 6000FT, to DUGON, to PROBE at or above 4000FT.

Critical DME	CBE: 19.1NM to PASSO~5.1NM to PASSO KCC: PASSO~4.2NM to SANGU XMT: 11.0NM to DUGON~PROBE
DME GAP	<del>-</del>
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

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	IF	CHESS	_	_	-7.6	_	_	_	_	_	RNAV1
002	TF	PASSO	_	183 (175.2)	-7.6	23.1	_	_	_	_	RNAV1
003	TF	SANGU	_	183 (175.2)	-7.6	14.3	_	+6000	_	_	RNAV1
004	TF	DUGON	_	134 (125.9)	-7.6	14.8	_	-	_	_	RNAV1
005	TF	PROBE	_	086 (078.8)	-7.6	4.0	_	+4000	_	_	RNAV1

# RJGG / CHUBU CENTRAIR

# **RNAV STAR RWY36**

# SWING SOUTH ARRIVAL

From SWING, to LAGNA at or above 6000FT, to IRAGO, to POLPO, to PROBE at or above 4000FT.

Critical DME	KCC: SWING~12.1NM to LAGNA IRAGO~3.0NM to POLPO CBE, XMT: 3.0NM to PROBE~PROBE
DME GAP	3.0NM to POLPO~3.0NM to PROBE
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	SWING	_	_	-7.6	_	_	_	_	_	RNAV1
002	TF	LAGNA	_	196 (188.3)	-7.6	33.2	_	+6000	_	_	RNAV1
003	TF	IRAGO	_	210 (202.8)	-7.6	10.2	_	_	_	_	RNAV1
004	TF	POLPO	_	240 (232.3)	-7.6	8.2	_	_	_	_	RNAV1
005	TF	PROBE	_	266 (258.8)	-7.6	4.0	_	+4000	_	_	RNAV1

# SLIDE SOUTH ARRIVAL

From SLIDE, to LAGNA at or above 6000FT, to IRAGO, to POLPO, to PROBE at or above 4000FT.

	KCC : SLIDE~10.3NM to LAGNA						
Critical DME	IRAGO~3.0NM to POLPO						
	CBE, XMT: 3.0NM to PROBE~PROBE						
DME GAP	3.0NM to POLPO ~ 3.0NM to PROBE						
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.						

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	SLIDE	_	_	-7.6	_	_	_	_	_	RNAV1
002	TF	LAGNA	_	211 (203.0)	-7.6	29.3	_	+6000	_	_	RNAV1
003	TF	IRAGO	_	210 (202.8)	-7.6	10.2	_	_	ı	_	RNAV1
004	TF	POLPO	_	240 (232.3)	-7.6	8.2	_	_	_	_	RNAV1
005	TF	PROBE	_	266 (258.8)	-7.6	4.0	_	+4000	_	_	RNAV1

# RJGG / CHUBU CENTRAIR

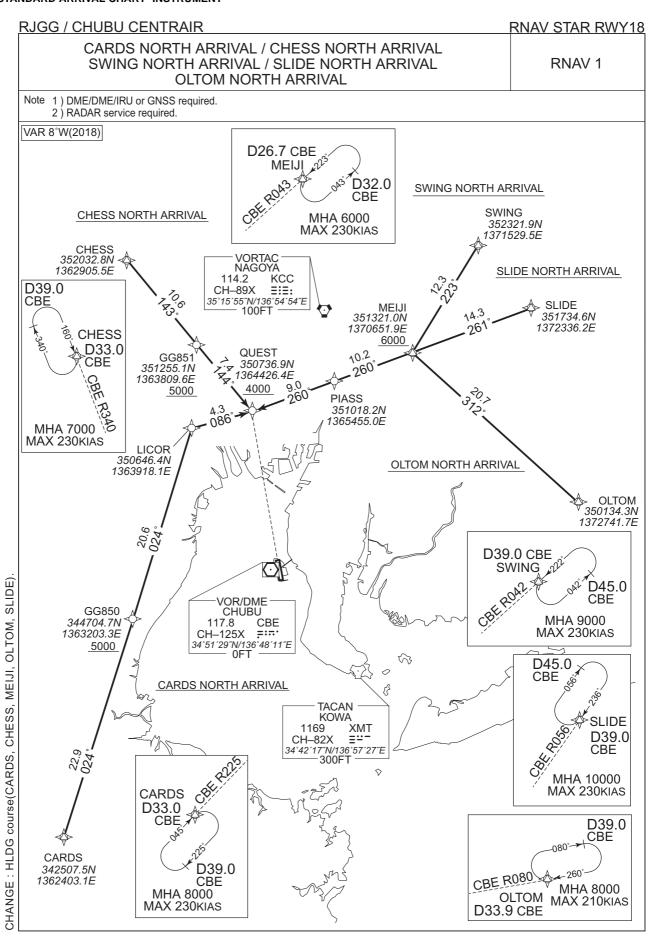
# **RNAV STAR RWY36**

# **OLTOM SOUTH ARRIVAL**

From OLTOM, to LAGNA at or above 6000FT, to IRAGO, to POLPO, to PROBE at or above 4000FT.

Critical DME	KCC: IRAGO~3.0NM to POLPO XMT, CBE: 3.0NM to PROBE~PROBE
DME GAP	3.0NM to POLPO~3.0NM to PROBE
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

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	IF	OLTOM	_	_	-7.6	_	_		_	_	RNAV1
002	TF	LAGNA	_	241 (233.4)	-7.6	18.4	-	+6000	_	_	RNAV1
003	TF	IRAGO	_	210 (202.8)	-7.6	10.2	_	_	_	_	RNAV1
004	TF	POLPO	_	240 (232.3)	-7.6	8.2	ı	_	_	_	RNAV1
005	TF	PROBE	_	266 (258.8)	-7.6	4.0	_	+4000	_	_	RNAV1



# RJGG / CHUBU CENTRAIR

# **RNAV STAR RWY18**

# CARDS NORTH ARRIVAL

From CARDS, to GG850 at or above 5000FT, to LICOR, to QUEST at or above 4000FT.

Critical DME	KCC: 17.5NM to LICOR~10.5NM to LICOR 7.0NM to LICOR~QUEST
DME GAP	-
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	
001	IF	CARDS	_	_	-7.6	_	_	_	_	_	RNAV1
002	TF	GG850	_	024 (016.7)	-7.6	22.9	_	+5000	_	_	RNAV1
003	TF	LICOR	_	024 (016.8)	-7.6	20.6	-	-	_	_	RNAV1
004	TF	QUEST	_	086 (078.7)	-7.6	4.3	_	+4000	_	_	RNAV1

# CHESS NORTH ARRIVAL

From CHESS, to GG851 at or above 5000FT, to QUEST at or above 4000FT.

Critical DME	CBE: 5.6NM to GG851~GG851 KCC: GG851~QUEST
DME GAP	_
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	Navigation Specification
001	IF	CHESS	_	_	-7.6	_	_	_	_	_	RNAV1
002	TF	GG851	_	143 (135.8)	-7.6	10.6	_	+5000	_	_	RNAV1
003	TF	QUEST	_	144 (135.9)	-7.6	7.4	_	+4000	_	_	RNAV1

# RJGG / CHUBU CENTRAIR

# **RNAV STAR RWY18**

# SWING NORTH ARRIVAL

From SWING, to MEIJI at or above 6000FT, to PIASS, to QUEST at or above 4000FT.

Critical DME	KCC: SWING~1.0NM to PIASS 6.0NM to QUEST~QUEST CBE: 2.0NM to PIASS~1.0NM to PIASS XMT: 6.0NM to QUEST~3.0NM to QUEST
DME GAP	1.0NM to PIASS~6.0NM to QUEST
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

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	IF	SWING	_	_	-7.6	_	_	_	_	_	RNAV1
002	TF	MEIJI	_	223 (215.1)	-7.6	12.3	_	+6000	_	_	RNAV1
003	TF	PIASS	_	260 (252.7)	-7.6	10.2	1	_	ı	_	RNAV1
004	TF	QUEST	_	260 (252.6)	-7.6	9.0	_	+4000	_	_	RNAV1

# SLIDE NORTH ARRIVAL

From SLIDE, to MEIJI at or above 6000FT, to PIASS, to QUEST at or above 4000FT.

	KCC: SLIDE~1.0NM to PIASS
Critical DME	6.0NM to QUEST∼QUEST
Chilical Divie	CBE: 2.0NM to PIASS~1.0NM to PIASS
	XMT: 6.0NM to QUEST~3.0NM to QUEST
DME GAP	1.0NM to PIASS~6.0NM to QUEST
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

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	IF	SLIDE	_	_	-7.6	_	_	_	_	_	RNAV1
002	TF	MEIJI	_	261 (252.9)	-7.6	14.3	_	+6000	_	_	RNAV1
003	TF	PIASS	_	260 (252.7)	-7.6	10.2	_	_	_	_	RNAV1
004	TF	QUEST	_	260 (252.6)	-7.6	9.0	_	+4000	_	_	RNAV1

# RJGG / CHUBU CENTRAIR

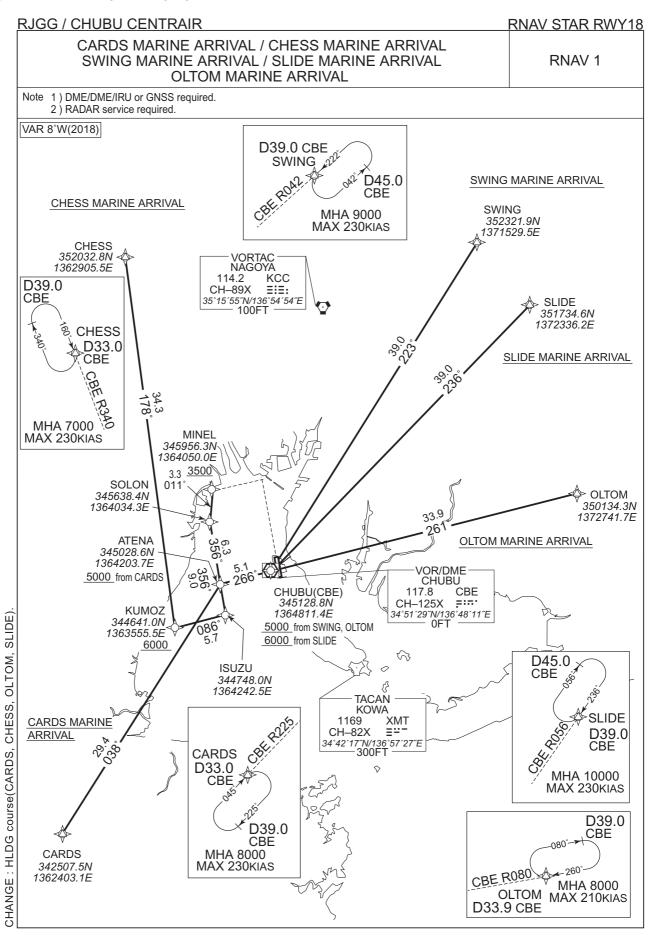
# **RNAV STAR RWY18**

# OLTOM NORTH ARRIVAL

From OLTOM, to MEIJI at or above 6000FT, to PIASS, to QUEST at or above 4000FT.

Critical DME	KCC: MEIJI~1.0NM to PIASS 6.0NM to QUEST~QUEST CBE: 2.0NM to PIASS~1.0NM to PIASS XMT: 6.0NM to QUEST~3.0NM to QUEST					
DME GAP 1.0NM to PIASS~6.0NM to QUEST						
Inappropriate Navaids See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.						

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	IF	OLTOM	_	_	-7.6	_	_	_	_	_	RNAV1
002	TF	MEIJI	_	312 (304.8)	-7.6	20.7	_	+6000	_	_	RNAV1
003	TF	PIASS	_	260 (252.7)	-7.6	10.2	_	-	ı	-	RNAV1
004	TF	QUEST	_	260 (252.6)	-7.6	9.0	_	+4000	_	_	RNAV1



# RJGG / CHUBU CENTRAIR

# **RNAV STAR RWY18**

# CARDS MARINE ARRIVAL

From CARDS, to ATENA at or above 5000FT, to SOLON, to MINEL at or above 3500FT.

Critical DME	KCC : 4.0NM to SOLON∼MINEL
DME GAP	-
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

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	IF	CARDS	_	_	-7.6	_	-	_	_	_	RNAV1
002	TF	ATENA	_	038 (030.2)	-7.6	29.4	_	+5000	_	_	RNAV1
003	TF	SOLON	_	356 (348.8)	-7.6	6.3	_	_	_	_	RNAV1
004	TF	MINEL	_	011 (003.7)	-7.6	3.3	-	+3500	_	_	RNAV1

# CHESS MARINE ARRIVAL

From CHESS, to KUMOZ at or above 6000FT, to ISUZU, to SOLON, to MINEL at or above 3500FT.

Critical DME	CBE: 30.3NM to KUMOZ~16.3NM to KUMOZ KCC: 9.3NM to KUMOZ~2.3NM to KUMOZ 4.0NM to SOLON~MINEL
DME GAP	<del>-</del>
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

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	IF	CHESS	_	_	-7.6	_	_	_	_	_	RNAV1
002	TF	KUMOZ	_	178 (170.6)	-7.6	34.3	_	+6000	_	_	RNAV1
003	TF	ISUZU	_	086 (078.6)	-7.6	5.7	_	-	_	_	RNAV1
004	TF	SOLON	_	356 (348.8)	-7.6	9.0	_	1	ı	_	RNAV1
005	TF	MINEL	_	011 (003.7)	-7.6	3.3	_	+3500	_	_	RNAV1

# RJGG / CHUBU CENTRAIR

# **RNAV STAR RWY18**

# **SWING MARINE ARRIVAL**

From SWING, to CBE at or above 5000FT, to ATENA, to SOLON, to MINEL at or above 3500FT.

Critical DME	KCC: SWING~15.9NM to CBE 3.0NM to CBE~2.0NM to ATENA 4.0NM to SOLON~MINEL CBE: 15.9NM to CBE~3.0NM to CBE XMT: 5.9NM to CBE~2.0NM to ATENA
DME GAP	-
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

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	IF	SWING	_	_	-7.6	_	_	_	_	_	RNAV1
002	TF	CBE	_	223 (215.1)	-7.6	39.0	_	+5000	_	_	RNAV1
003	TF	ATENA	_	266 (258.7)	-7.6	5.1	_	_	_	_	RNAV1
004	TF	SOLON	_	356 (348.8)	-7.6	6.3	_	_	_	_	RNAV1
005	TF	MINEL	_	011 (003.7)	-7.6	3.3	_	+3500	_	_	RNAV1

# **SLIDE MARINE ARRIVAL**

From SLIDE, to CBE at or above 6000FT, to ATENA, to SOLON, to MINEL at or above 3500FT.

	KCC: SLIDE~20.0NM to CBE					
	CBE~2.0NM to ATENA					
Critical DME	4.0NM to SOLON∼MINEL					
	CBE: 14.0NM to CBE~3.0NM to CBE					
	XMT : CBE~2.0NM to ATENA					
DME GAP	-					
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.					

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	IF	SLIDE	_	_	-7.6	_	_	_	_	_	RNAV1
002	TF	CBE	_	236 (228.2)	-7.6	39.0	_	+6000	_	_	RNAV1
003	TF	ATENA	-	266 (258.7)	-7.6	5.1	1	_	_	_	RNAV1
004	TF	SOLON	_	356 (348.8)	-7.6	6.3	_	_	_	_	RNAV1
005	TF	MINEL	_	011 (003.7)	-7.6	3.3	_	+3500	_	_	RNAV1

# CHANGE: New PROC (OLTOM MARINE), Abolition PROC (DARTS MARINE)

# STANDARD ARRIVAL CHART -INSTRUMENT

# RJGG / CHUBU CENTRAIR

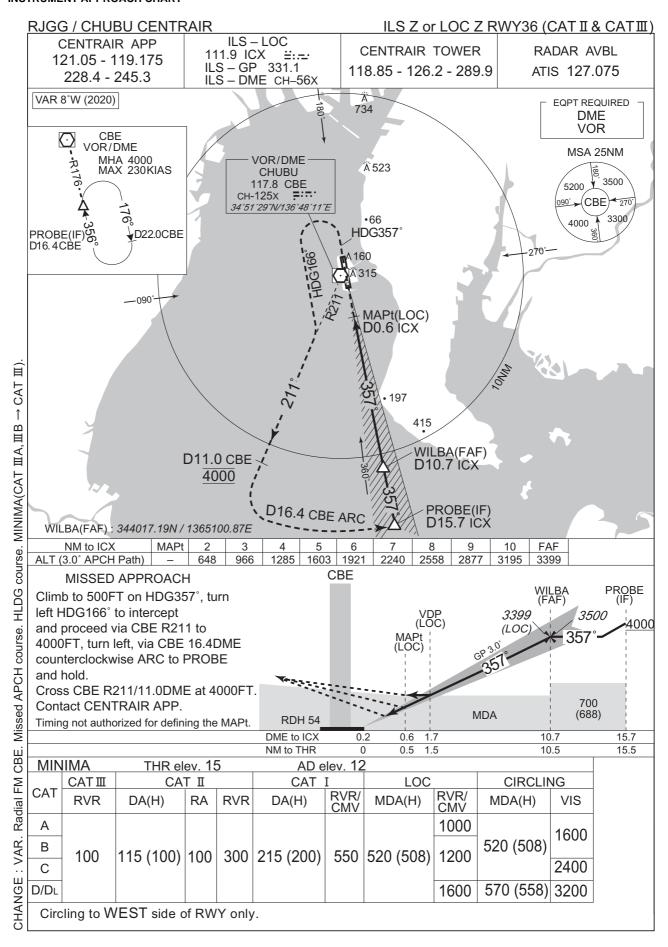
# **RNAV STAR RWY18**

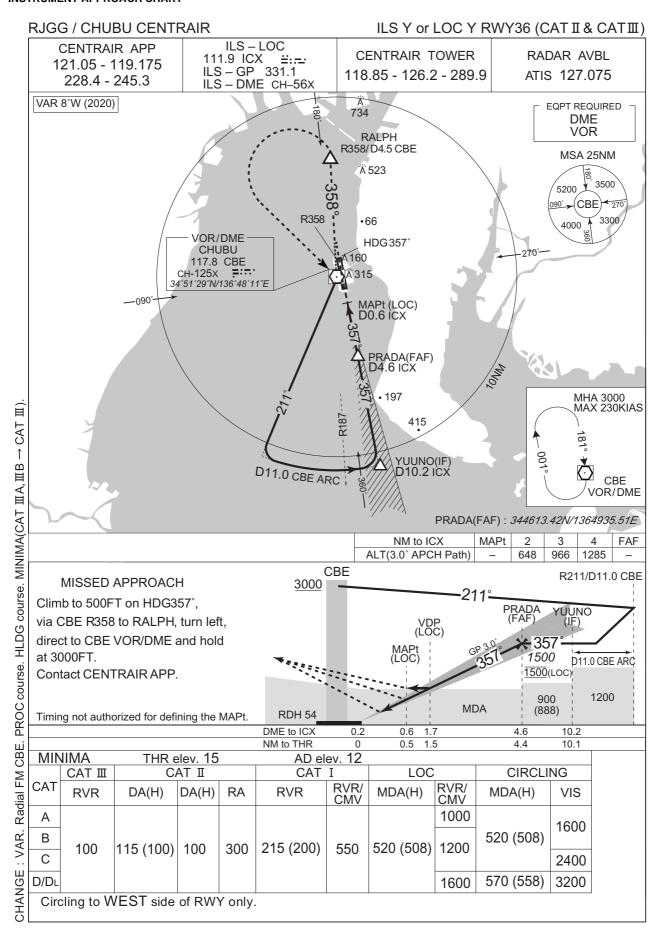
# **OLTOM MARINE ARRIVAL**

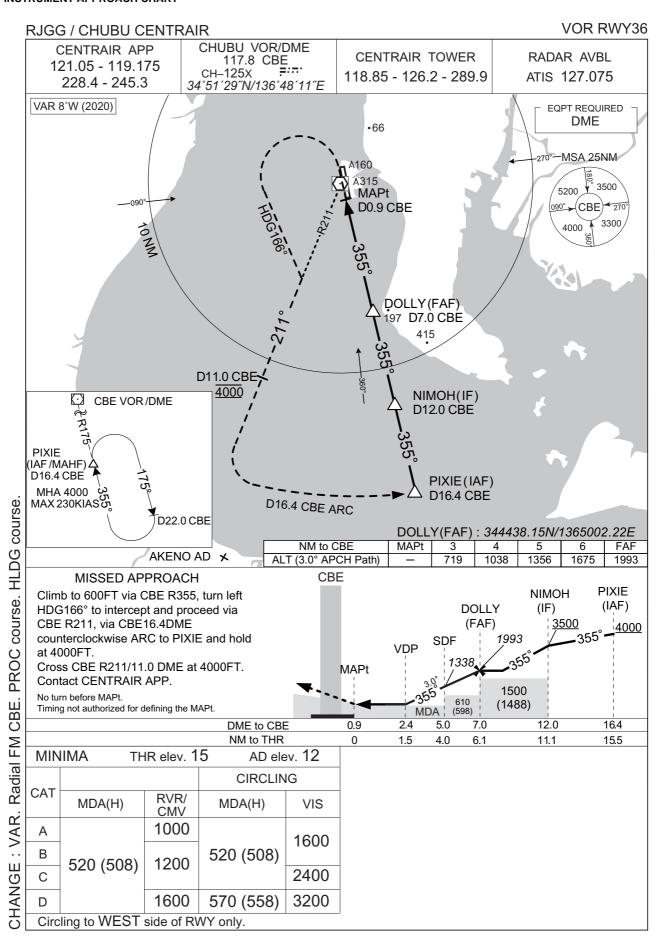
From OLTOM, to CBE at or above 5000FT, to ATENA, to SOLON, to MINEL at or above 3500FT.

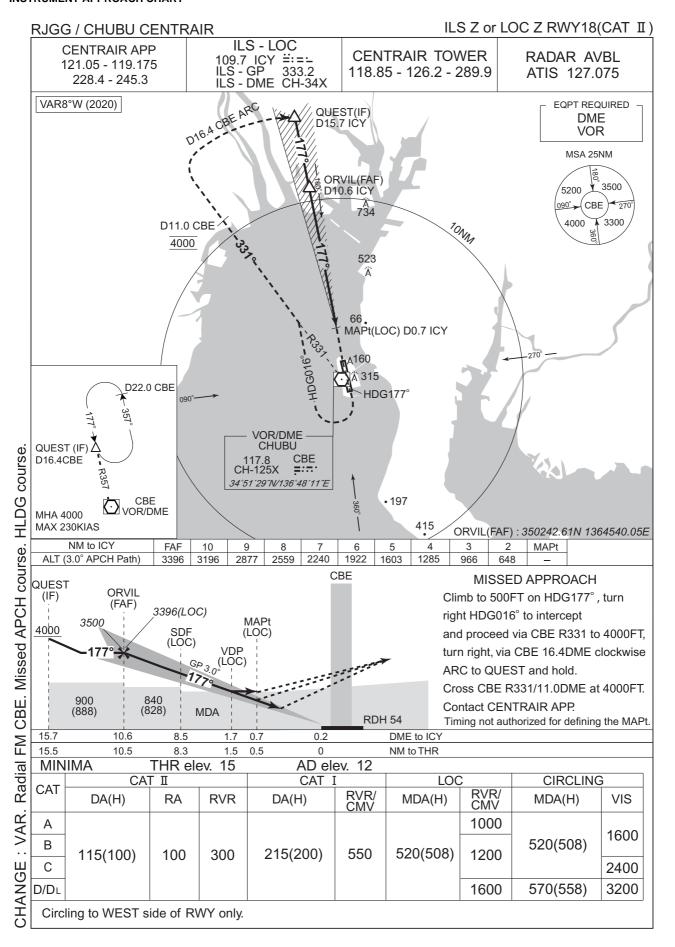
Critical DME	KCC: CBE~2.0NM to ATENA 4.0NM to SOLON~MINEL XMT: 3.0NM to CBE~2.0NM to ATENA
DME GAP	_
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

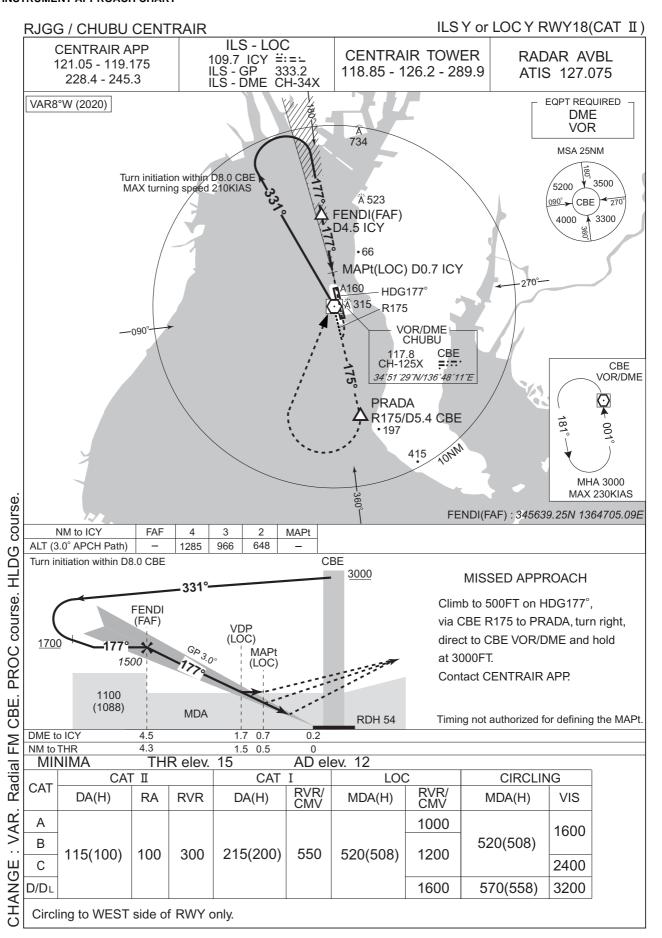
Serial Number	Path Descriptor	Waypoint Identifier	Fly Over	Course °M(°T)	Magnetic Variation		Turn Direction	Altitude (FT)	Speed (KIAS)	Vertical Angle	
001	IF	OLTOM	_	_	-7.6	_	_	_	_	_	RNAV1
002	TF	CBE	_	261 (252.9)	-7.6	33.9	_	+5000	_	_	RNAV1
003	TF	ATENA	_	266 (258.7)	-7.6	5.1	_	_	_	_	RNAV1
004	TF	SOLON	_	356 (348.8)	-7.6	6.3	_	_	_	_	RNAV1
005	TF	MINEL	_	011 (003.7)	-7.6	3.3	_	+3500	_	_	RNAV1

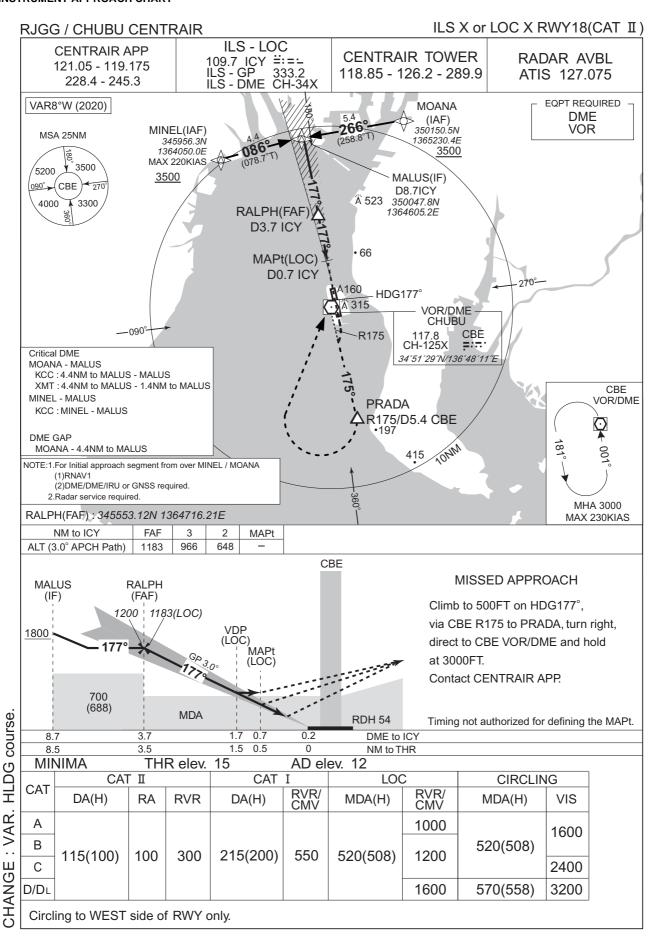


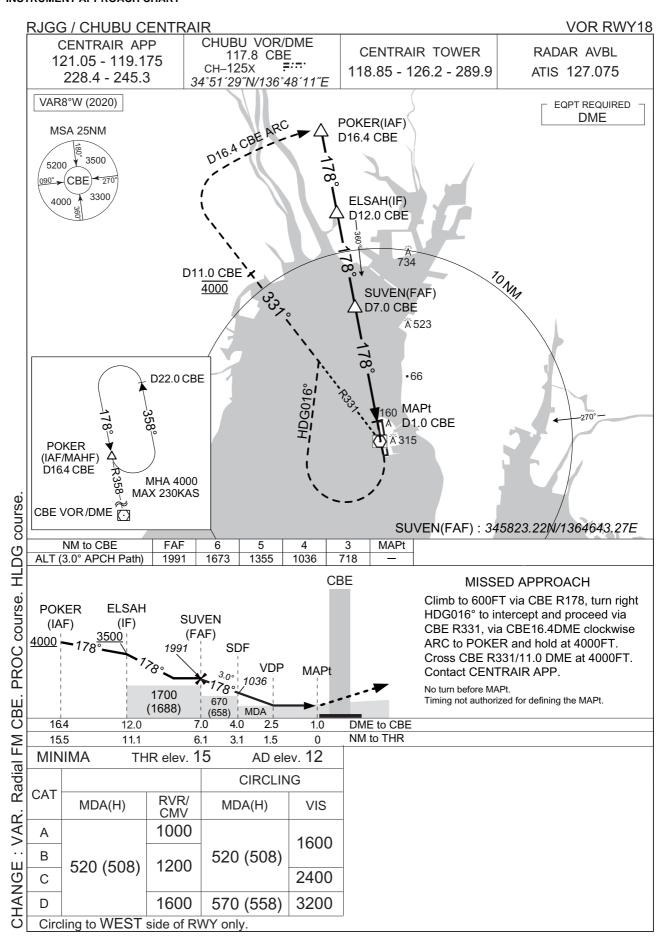


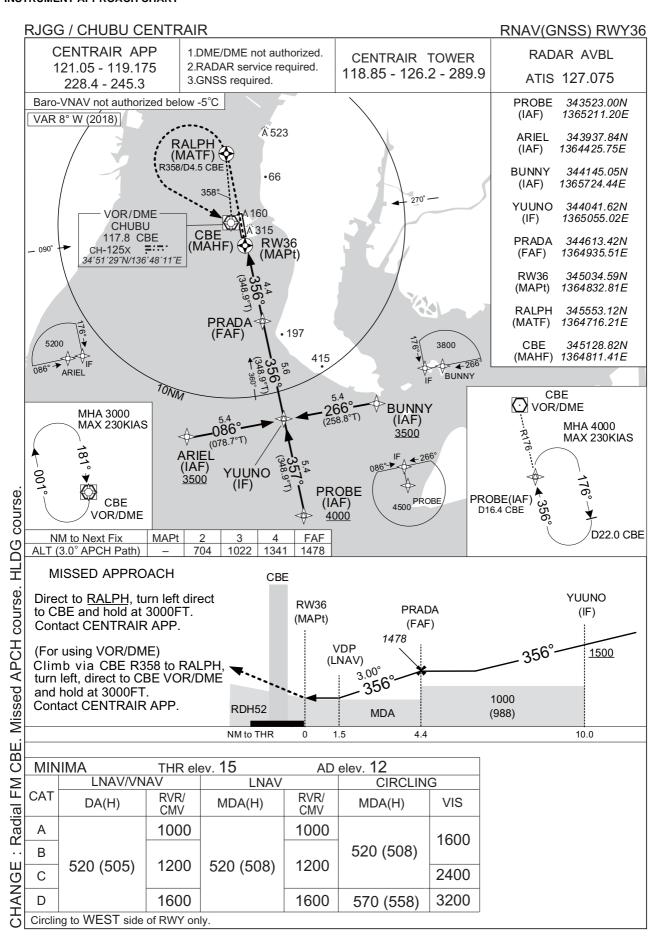


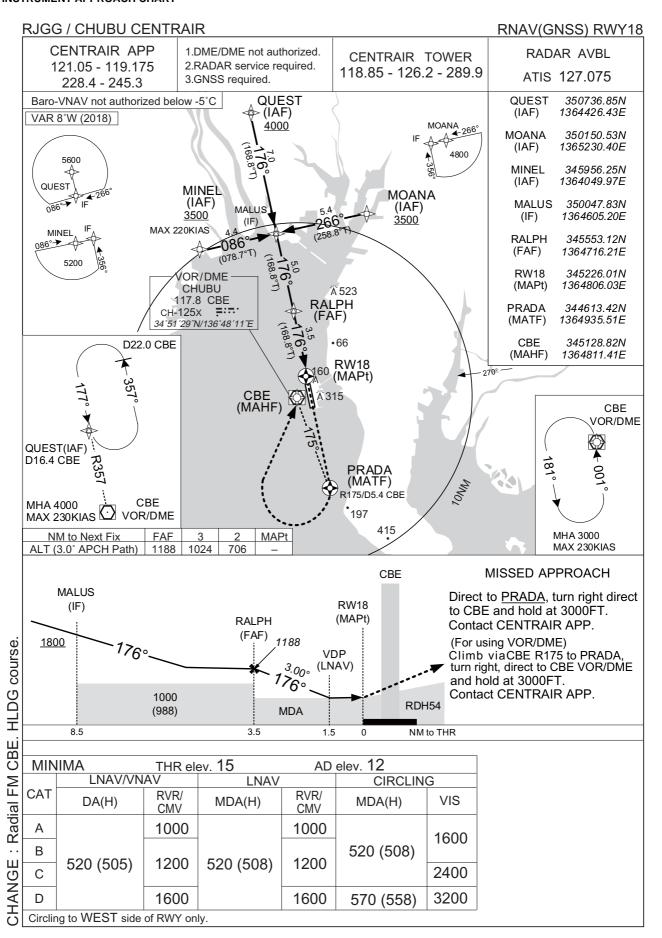


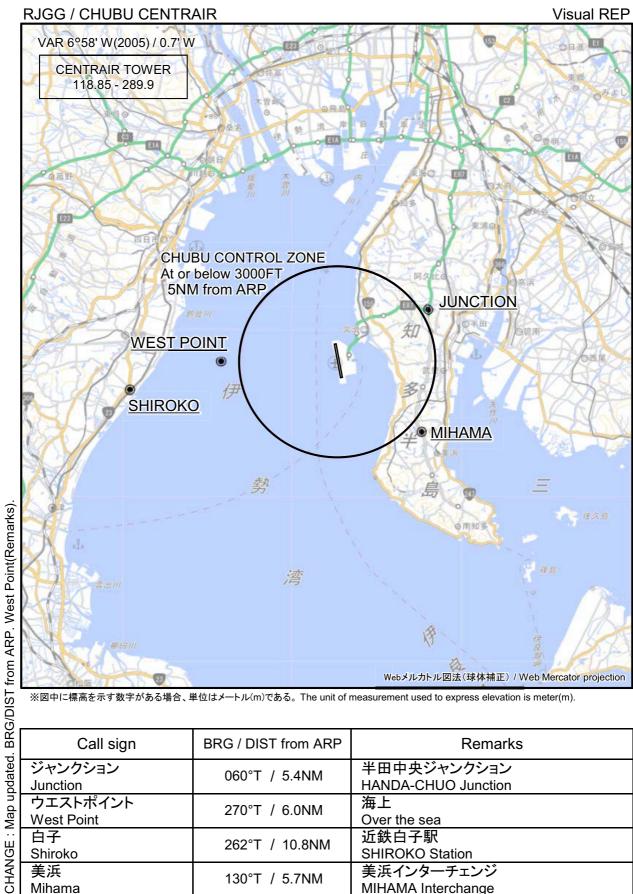












※図中に標高を示す数字がある場合、単位はメートル(m)である。The unit of measurement used to express elevation is meter(m).

Call sign	BRG / DIST from ARP	Remarks
ジャンクション Junction	060°T / 5.4NM	半田中央ジャンクション HANDA-CHUO Junction
ウエストポイント West Point	270°T / 6.0NM	海上 Over the sea
白子 Shiroko	262°T / 10.8NM	近鉄白子駅 SHIROKO Station
美浜 Mihama	130°T / 5.7NM	美浜インターチェンジ MIHAMA Interchange

