

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 : 30.3 NM to KUMOZ \sim 16.3NM to KUMOZ KCC : 9.3 NM to KUMOZ \sim 2.3NM to KUMOZ 4.0 NM to SOLON \sim MINEL
DME GAP	_
Inappropriate Navaids	See AD1.1.6.10.3. Inappropriate NAVAIDs for RNAV1.

Serial	Path	Waypoint	Fly	Course	Magnetic	Distance	Turn	Altitude	Speed	Vertical	. 3
Number	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	IF	CHESS	_	1	-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	_	_	_	_	RNAV1
005	TF	MINEL	_	011 (003.7)	-7.6	3.3	_	+3500	_	_	RNAV1

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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	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	Path	Waypoint	Fly	Course	Magnetic			Altitude	'	Vertical	
inumber	Descriptor	Identifier	Over	°M(°T)	Variation	(NM)	Direction	(FT)	(KIAS)	Angle	Specification
001	IF	SLIDE	_	_	-7.6	_	_	_	_	_	RNAV1
002	TF	CBE	-	236 (228.2)	-7.6	39.0	1	+6000	_	_	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

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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	Navigation Specification
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	_	_	ı	_	RNAV1
004	TF	SOLON	_	356 (348.8)	-7.6	6.3	_	_	_	_	RNAV1
005	TF	MINEL	_	011 (003.7)	-7.6	3.3	_	+3500	_	_	RNAV1