

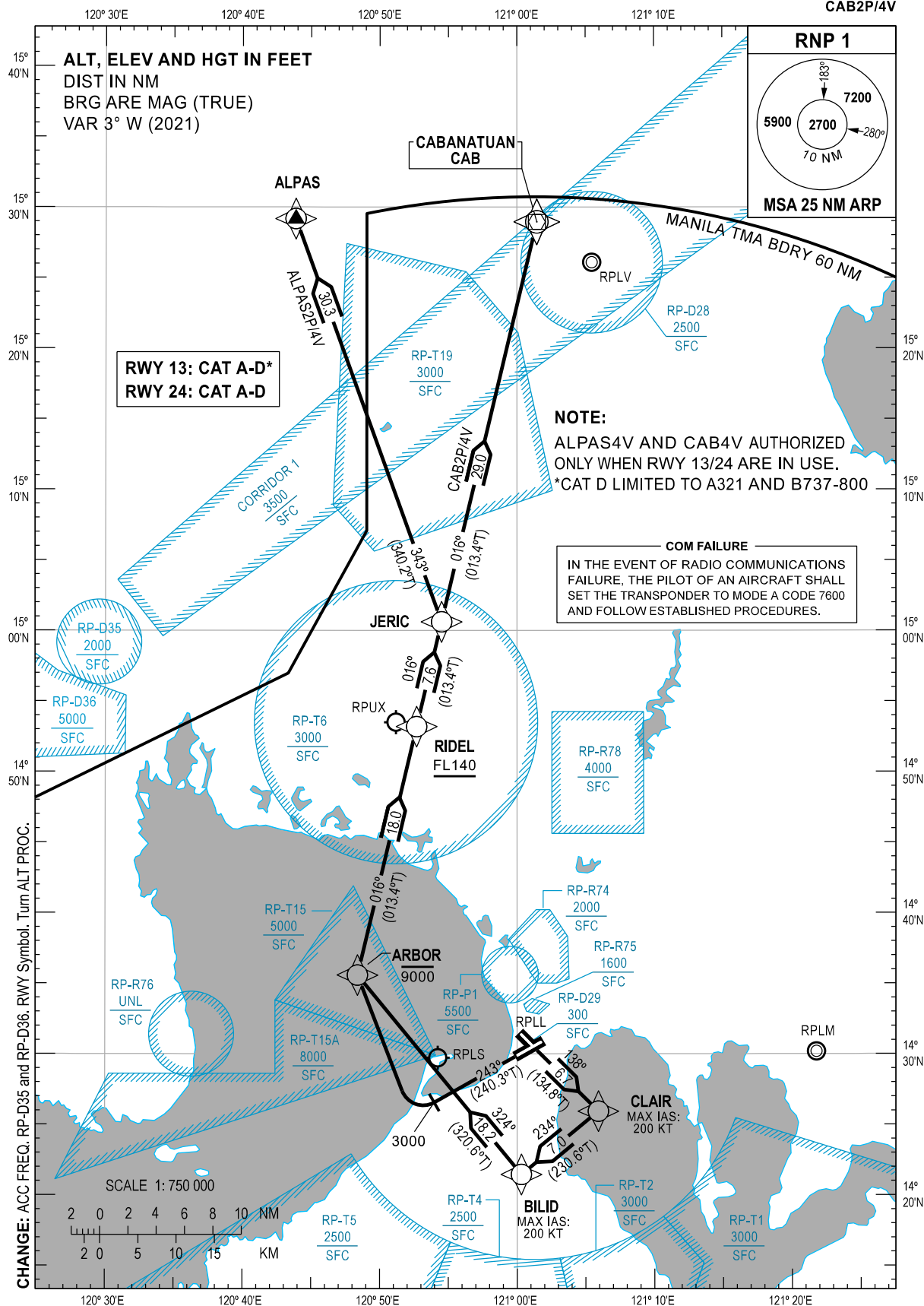
STANDARD DEPARTURE
CHART - INSTRUMENT
(SID) - ICAO

TRANSITION
ALTITUDE
11000 FT

TWR - 118.1 / 118.4	ACC - 120.5 / 119.3 (CENTRAL NORTH)
APP - 124.4 (FMI)	- 125.7 / 128.7 (CENTRAL SOUTH)
- 119.9 (FMN)	- 132.7 / 118.9 (CENTRAL WEST)
- 124.8 (FMS)	- 128.7 / 120.5 (CENTRAL EAST)
- 127.7 (SRY)	

MANILA/Ninoy
Aquino Intl (RPLL)
RNP SID RWY 13/24

ALPAS2P/4V
CAB2P/4V



DEPARTURE ROUTE DESCRIPTION

SID	TAKE-OFF	PROCEDURE	REMARKS
ALPAS2P	RWY 24	Climb on course 243°M, at or above 3000 FT, turn right direct to ARBOR at or below 9000 FT, to RIDEL at or above FL140, to JERIC, to ALPAS.	ATS gradient of 6.2% required to cross RIDEL at or above FL140.
ALPAS4V	RWY 13	Climb on course 138°M to CLAIR, to BILID, to ARBOR at or below 9000 FT, to RIDEL at or above FL140, to JERIC, to ALPAS.	1) ATS gradient of 4.6% required to cross RIDEL at or above FL140. 2) Maintain MAX IAS of 200 KT up to and until turn is completed at BILID.
CAB2P	RWY 24	Climb on course 243°M, at or above 3000 FT, turn right direct to ARBOR at or below 9000 FT, to RIDEL at or above FL140, to JERIC, to CAB.	ATS gradient of 6.2% required to cross RIDEL at or above FL140.
CAB4V	RWY 13	Climb on course 138°M to CLAIR, to BILID, to ARBOR at or below 9000 FT, to RIDEL at or above FL140, to JERIC, to CAB.	1) ATS gradient of 4.6% required to cross RIDEL at or above FL140. 2) Maintain MAX IAS of 200 KT up to and until turn is completed at BILID.

WAYPOINT LIST

Waypoint Name	Latitude	Longitude	Type
ALPAS	N15 29 11	E120 43 52	Fly-by
ARBOR	N14 35 34	E120 48 23	Fly-by
BILID	N14 21 27	E121 00 19	Fly-by
CAB	N15 28 56.2	E121 01 27.5	Fly-by
CLAIR	N14 25 56	E121 05 55	Fly-by
JERIC	N15 00 36	E120 54 30	Fly-by
RIDEL	N14 53 11	E120 52 41	Fly-by

PROPOSED CODING FOR DEPARTURE RNP SID RWY 13/24

Table 1: **ALPAS2P**

Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course °M (°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude (FT)	Speed limit (KT)	VPA/TCH	Navigation Specification	Transition Identifier
10	CA	-	-	243 (240.3)	+3	-	-	3000	-	-	RNP1	RW24
20	DF	ARBOR	-	-	-	-	R	-9000	-	-	RNP1	RW24
30	TF	RIDEL	-	016 (013.4)	+3	18.0	-	+FL140	-	-	RNP1	RW24
40	TF	JERIC	-	016 (013.4)	+3	7.6	-	-	-	-	RNP1	RW24
50	TF	ALPAS	-	343 (340.2)	+3	30.3	-	-	-	-	RNP1	RW24

Table 2: ALPAS4V

Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course °M (°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude (FT)	Speed limit (KT)	VPA/TCH	Navigation Specification	Transition Identifier
10	CF	CLAIR	-	138 (134.8)	+3	6.7	-	-	200	-	RNP1	RW13
20	TF	BILID	-	234 (230.6)	+3	7.0	-	-	200	-	RNP1	RW13
30	TF	ARBOR	-	324 (320.6)	+3	18.2	-	-9000	-	-	RNP1	RW13
40	TF	RIDEL	-	016 (013.4)	+3	18.0	-	+FL140	-	-	RNP1	RW13
50	TF	JERIC	-	016 (013.4)	+3	7.6	-	-	-	-	RNP1	RW13
60	TF	ALPAS	-	343 (340.2)	+3	30.3	-	-	-	-	RNP1	RW13

Table 3: CAB2P

Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course °M (°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude (FT)	Speed limit (KT)	VPA/TCH	Navigation Specification	Transition Identifier
10	CA	-	-	243 (240.3)	+3	-	-	+3000	-	-	RNP1	RW24
20	DF	ARBOR	-	-	-	-	R	-9000	-	-	RNP1	RW24
30	TF	RIDEL	-	016 (013.4)	+3	18.0	-	+FL140	-	-	RNP1	RW24
40	TF	JERIC	-	016 (013.4)	+3	7.6	-	-	-	-	RNP1	RW24
50	TF	CAB	-	016 (013.4)	+3	29.0	-	-	-	-	RNP1	RW24

Table 4: CAB4V

Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course °M (°T)	Magnetic Variation (°)	Distance (NM)	Turn Direction	Altitude (FT)	Speed limit (KT)	VPA/TCH	Navigation Specification	Transition Identifier
10	CF	CLAIR	-	138 (134.8)	+3	6.7	-	-	200	-	RNP1	RW13
20	TF	BILID	-	234 (230.6)	+3	7.0	-	-	200	-	RNP1	RW13
30	TF	ARBOR	-	324 (320.6)	+3	18.2	-	-9000	-	-	RNP1	RW13
40	TF	RIDEL	-	016 (013.4)	+3	18.0	-	+FL140	-	-	RNP1	RW13
50	TF	JERIC	-	016 (013.4)	+3	7.6	-	-	-	-	RNP1	RW13
60	TF	CAB	-	016 (013.4)	+3	29.0	-	-	-	-	RNP1	RW13

CHANGES: MAG Course. VAR. Page Format.