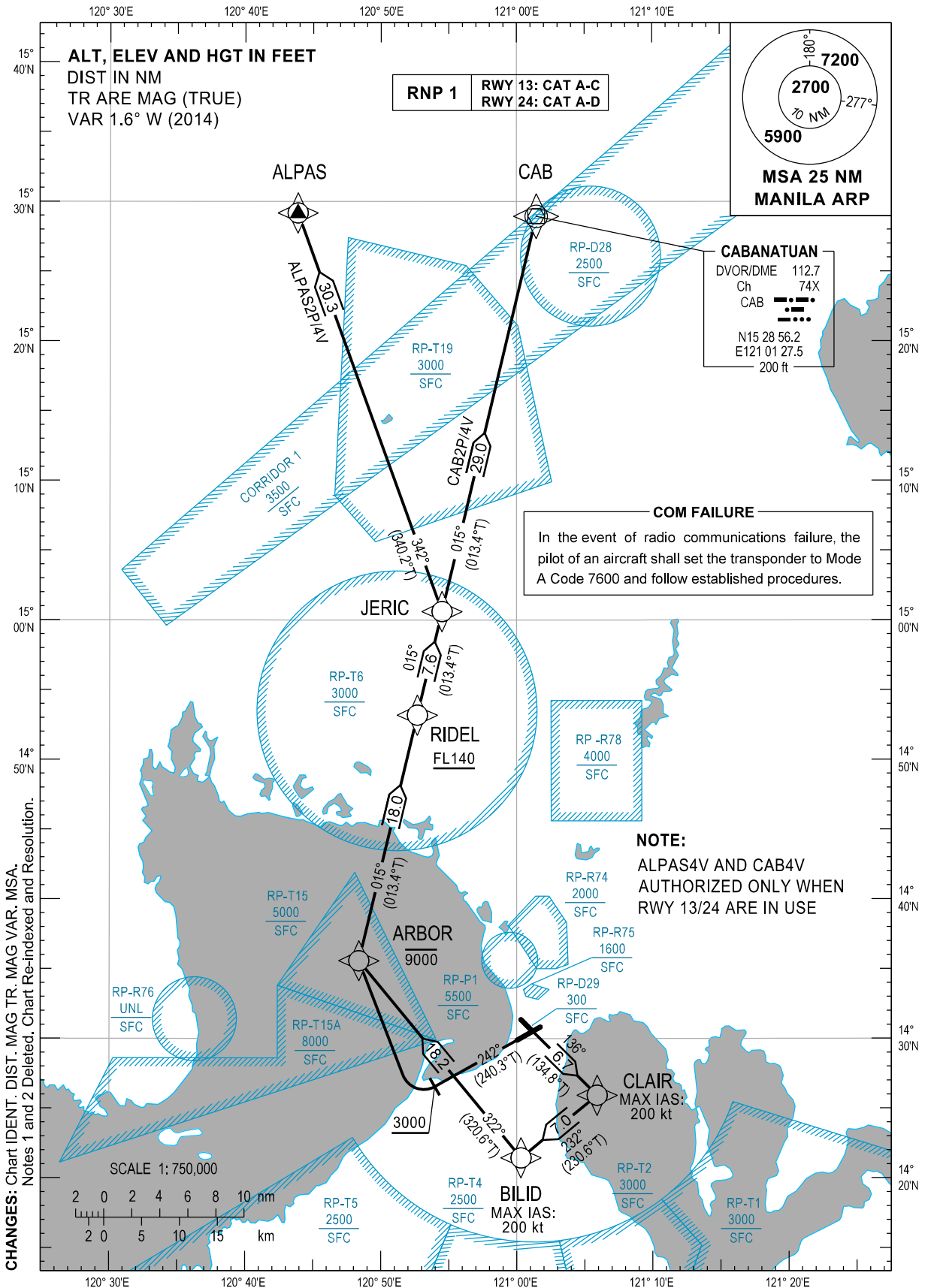


STANDARD DEPARTURE
CHART - INSTRUMENT
(SID)

TRANSITION
ALTITUDE
11,000 ft

GND - 121.8 / 122.0
TWR - 118.1 / 118.4
APP - 121.1 / 124.8

MANILA/Ninoy Aquino Intl (RPLL)
RNP SID RWY 13/24
ALPAS2P/4V CAB2P/4V



DEPARTURE ROUTE DESCRIPTION

SID	TAKE-OFF	PROCEDURE	REMARKS
ALPAS2P	RWY24	Climb on course 242°M, at or above 3,000FT, turn right direct to ARBOR at or below 9000FT, to RIDEL at or above FL140, to JERIC, to ALPAS.	ATS climb gradient of 6.2% required to cross RIDEL at or above FL140.
ALPAS4V	RWY13	Climb on course 136°M to CLAIR, to BILID, to ARBOR at or below 9000FT, to RIDEL at or above FL140, to JERIC, to ALPAS.	1) ATS climb gradient of 4.6% required to cross RIDEL at or above FL140. 2) Maintain MAX IAS of 200KT up to and until turn is completed at BILID.
CAB2P	RWY24	Climb on course 242°M, at or above 3000FT, turn right direct to ARBOR at or below 9000FT, to RIDEL at or above FL140, to JERIC, to CAB.	ATS climb gradient of 6.2% required to cross RIDEL at or above FL140.
CAB4V	RWY13	Climb on course 136°M to CLAIR, to BILID, to ARBOR at or below 9000FT, to RIDEL at or above FL140, to JERIC, to CAB.	1) ATS climb gradient of 4.6% required to cross RIDEL at or above FL140. 2) Maintain MAX IAS of 200KT 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	E121 01 28	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 RWY13/24

Table 1: ALPAS2P

SEQ. NO.	PD	W/P ID	Flyover	Course Track °M (°T)	Magnetic Variation	Distance (NM)	TD	ALT (FT)	Speed (knots)	VPA (°)	Nav. Spec	Transition ID
10	CA	-	-	242° (240.3°)	-	-	-	+3000	-	-	RNP1	RW24
20	DF	ARBOR	N	-	-	-	R	-9000	-	-	RNP1	RW24
30	TF	RIDEL	N	015° (013.4°)	-	18.0	-	+FL140	-	-	RNP1	RW24
40	TF	JERIC	N	015° (013.4°)	-	7.6	-	-	-	-	RNP1	RW24
50	TF	ALPAS	N	342° (340.2°)	-	30.3	-	-	-	-	RNP1	RW24

CHANGES: RTE Description. WPT List. Coding Table.

Table 2: ALPAS4V

SEQ. NO.	PD	W/P ID	Flyover	Course Track °M (°T)	Magnetic Variation	Distance (NM)	TD	ALT (FT)	Speed (knots)	VPA (°)	Nav. Spec	Transition ID
10	CF	CLAIR	N	136° (134.8°)	-	6.7	-	-	200	-	RNP1	RW13
20	TF	BILID	N	232° (230.6°)	-	7.0	-	-	200	-	RNP1	RW13
30	TF	ARBOR	N	322° (320.6°)	-	18.2	-	-9000	-	-	RNP1	RW13
40	TF	RIDEL	N	015° (013.4°)	-	18.0	-	+FL140	-	-	RNP1	RW13
50	TF	JERIC	N	015° (013.4°)	-	7.6	-	-	-	-	RNP1	RW13
60	TF	ALPAS	N	342° (340.2°)	-	30.3	-	-	-	-	RNP1	RW13

Table 3: CAB2P

SEQ. NO.	PD	W/P ID	Flyover	Course Track °M (°T)	Magnetic Variation	Distance (NM)	TD	ALT (FT)	Speed (knots)	VPA (°)	Nav. Spec	Transition ID
10	CA	-	-	242° (240.3°)	-	-	-	+3000	-	-	RNP1	RW24
20	DF	ARBOR	N	-	-	-	R	-9000	-	-	RNP1	RW24
30	TF	RIDEL	N	015° (013.4°)	-	18.0	-	+FL140	-	-	RNP1	RW24
40	TF	JERIC	N	015° (013.4°)	-	7.6	-	-	-	-	RNP1	RW24
50	TF	CAB	N	015° (013.4°)	-	29.0	-	-	-	-	RNP1	RW24

Table 4: CAB4V

SEQ. NO.	PD	W/P ID	Flyover	Course Track °M (°T)	Magnetic Variation	Distance (NM)	TD	ALT (FT)	Speed (knots)	VPA (°)	Nav. Spec	Transition ID
10	CF	CLAIR	N	136° (134.8°)	-	6.7	-	-	200	-	RNP1	RW13
20	TF	BILID	N	232° (230.6°)	-	7.0	-	-	200	-	RNP1	RW13
30	TF	ARBOR	N	322° (320.6°)	-	18.2	-	-9000	-	-	RNP1	RW13
40	TF	RIDEL	N	015° (013.4°)	-	18.0	-	+FL140	-	-	RNP1	RW13
50	TF	JERIC	N	015° (013.4°)	-	7.6	-	-	-	-	RNP1	RW13
60	TF	CAB	N	015° (013.4°)	-	29.0	-	-	-	-	RNP1	RW13

CHANGE: Coding Table.