

# RPLL - Manila - Ninoy Aquino Intl

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## Airport details

State	[Other]
Country	Philippines
Region	RP
Elevation	75ft (23m)
Timezone	GMT +8
Coordinates	14.51372, 121.01863
Type	land
ICAO code	RPLL
IATA code	MNL
FAA code	n/a

## Runway info

Runway 06 / 24	
length	3413m (11198ft)
bearing	61° / 241°
width	64m (211ft)
surface	asphalt
Runway 13 / 31	
length	1917m (6289ft)
bearing	134° / 314°
width	46m (151ft)
surface	asphalt

## Communication

Ninoy Aquino Intl ATIS	126.400
Ninoy Aquino Intl MANILA FSS	124.000
Ninoy Aquino Intl MANILA FSS	124.000
Ninoy Aquino Intl ATIS	126.400
Ninoy Aquino Intl MANILA FSS	124.000
Ninoy Aquino Intl ATIS	126.400
Ninoy Aquino Intl ATIS	126.400
Ninoy Aquino Intl MANILA FSS	124.000
Ninoy Aquino Intl MANILA CLD	125.100
Ninoy Aquino Intl MANILA CLD	125.100
Ninoy Aquino Intl MANILA CLD	125.100
Ninoy Aquino Intl MANILA CLD	125.100
Ninoy Aquino Intl MANILA GND	121.800
Ninoy Aquino Intl MANILA GND	121.800
Ninoy Aquino Intl MANILA GND	121.800
Ninoy Aquino Intl MANILA GND	121.800
Ninoy Aquino Intl MANILA TWR	118.100

Ninoy Aquino Intl MANILA TWR	118.100
Ninoy Aquino Intl MANILA TWR	118.100
Ninoy Aquino Intl MANILA TWR	118.100
Ninoy Aquino Intl MANILA APP	121.100
Ninoy Aquino Intl MANILA APP	119.700
Ninoy Aquino Intl MANILA APP	119.700
Ninoy Aquino Intl MANILA APP	121.100
Ninoy Aquino Intl MANILA APP	121.100
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Ninoy Aquino Intl MANILA APP	119.700
Ninoy Aquino Intl MANILA DEP	121.100
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## Approach frequencies

ILS-cat-I	24	109.9	18.00mi
ILS-cat-I	06	109.1	18.00mi
3° GS	24	109.9	18.00mi
3° GS	06	109.1	18.00mi

## Nearby beacons

code	identifier	dist	bearing	frequency
MIA	MANILA VOR/DME	0.3	151.7°	114.40
CIA	CLARK VOR/DME	48.3	325.7°	113.10
SBA	SUBIC BAY VOR/DME	48.6	287.8°	113.50
CAB	CABANATUAN VOR/DME	58.1	0.3°	112.70

## Departure and arrival routes

Transition altitude	11000ft
Transition level	13000ft

SID end points	distance	outbound direction
RW06		
CAB2R, CAB1A	58.1	0°
JOM2R, JOM2A	77.0	82°
TIMO2A, TIMO2R	60.3	117°
IPAT2A, IPAT2R	60.4	129°
LIGP2D	34.0	169°
VERD2R, VERD2A	60.6	179°
DINO2R	60.5	190°
BUCA2R, BUCA2A	60.4	206°
BETE2A, BETE2R	52.8	248°

SIRC2A, SIRC2R	39.9	266°
NATI2A	37.9	288°
SIMB2A	39.8	294°
OLIV2A	31.3	326°
ALPA2R	60.7	344°
RW13		
CAB4V, CAB2V, CAB1C	58.1	0°
JOM2C	77.0	82°
TIMO4V, TIMO2V, TIMO2C	60.3	117°
IPAT2V, IPAT4V, IPAT2C	60.4	129°
LIGP2F	34.0	169°
VERD2C, VERD2V, VERD4V	60.6	179°
DINO4V, DINO2V	60.5	190°
BUCA2C, BUCA2V, BUCA4V	60.4	206°
BETE2C	52.8	248°
SIRC2C	39.9	266°
NATI2C	37.9	288°
SIMB2C	39.8	294°
OLIV2C	31.3	326°
ALPA2V, ALPA4V	60.7	344°
RW24		
CAB2P, CAB1B	58.1	0°
JOM2B, JOM2P	77.0	82°
TIMO2B, TIMO2P	60.3	117°
IPAT2P, IPAT2B	60.4	129°
LIGP2E	34.0	169°
VERD2B, VERD2P	60.6	179°
DINO2P	60.5	190°
BUCA2B, BUCA2P	60.4	206°
BETE2P, BETE2B	52.8	248°
SIRC2B, SIRC2P	39.9	266°
NATI2B	37.9	288°
SIMB2B	39.8	294°
OLIV2B	31.3	326°
ALPA2P	60.7	344°

### STAR starting points

RW06

	distance	inbound direction
BUCA3R, BUCAL1, BUCA7R, BUCA5R	60.4	26°
LUBA3R, LUBA7R, LUBA5R	66.2	54°
OLONG1	54.0	96°
BAYA1A	28.4	131°
OLIV1A	31.3	146°
TADE5R, TADE3R, TADE7R	63.8	147°
NABA7R, NABA3R, NABA5R	64.2	153°
ESCAN1	73.2	164°
CAB3R, CAB5R, CAB7R	58.1	180°
POLIO1	135.9	241°

POLI7R, POLI5R, POLI3R	60.0	241°
ALBA7R, ALBA3R, ALBAT1, ALBA5R	55.5	288°
CONDE1, COND3R, COND5R, COND7R	60.5	324°
LAIY3R, LAIY5R, LAIY7R	60.6	338°
IBAG5R, IBAG7R, IBAG3R	60.6	343°
LIGP1B	34.0	349°
RW24		
BUCAL1, BUCA5P, BUCA3P, BUCA7P	60.4	26°
LUBA5P, LUBA3P, LUBA7P	66.2	54°
OLONG1	54.0	96°
BAYA1A	28.4	131°
OLIV1A	31.3	146°
TADE5P, TADE7P, TADE3P	63.8	147°
NABA3P, NABA5P, NABA7P	64.2	153°
ESCAN1	73.2	164°
CAB5P, CAB3P, CAB7P	58.1	180°
POLI5P, POLI3P, POLI7P	60.0	241°
POLIO1	135.9	241°
ALBAT1, ALBA7P, ALBA3P, ALBA5P	55.5	288°
COND7P, CONDE1, COND3P, COND5P	60.5	324°
LAIY7P, LAIY5P, LAIY3P	60.6	338°
IBAG3P, IBAG7P, IBAG5P	60.6	343°
LIGP1B	34.0	349°

## Holding patterns

STAR name	hold at	type	turn	heading*	altitude	leg	speed limit
ALBA3P	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230
ALBA3R	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230
ALBA5P	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230
ALBA5R	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230
ALBA7P	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230
ALBA7P	PATCA	VHF	left	62 (242)°	7200ft - 14000ft	1.0min timed	230
ALBA7R	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
ALBA7R	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230
BUCA3P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
BUCA3P	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
BUCA3R	WAYEM	VHF	left	152 (332)°	6000ft - 14000ft	1.0min timed	230

BUCA5P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
BUCA5P	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
BUCA5R	WAYEM	VHF	left	152 (332)°	6000ft - 14000ft	1.0min timed	230
BUCA7P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
BUCA7P	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
BUCA7P	PATCA	VHF	left	62 (242)°	7200ft - 14000ft	1.0min timed	230
BUCA7R	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
BUCA7R	WAYEM	VHF	left	152 (332)°	6000ft - 14000ft	1.0min timed	230
CAB3P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
CAB3R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230
CAB5P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
CAB5R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230
CAB7P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
CAB7P	PATCA	VHF	left	62 (242)°	7200ft - 14000ft	1.0min timed	230
CAB7R	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
CAB7R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230
COND3P	BORIS	VHF	left	152 (332)°	10000ft - 16000ft	1.0min timed	230
COND3P	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230
COND3R	BORIS	VHF	left	152 (332)°	10000ft - 16000ft	1.0min timed	230
COND3R	WAYEM	VHF	left	152 (332)°	6000ft - 14000ft	1.0min timed	230
COND5P	BORIS	VHF	left	152 (332)°	10000ft - 16000ft	1.0min timed	230
COND5P	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230
COND5R	BORIS	VHF	left	152 (332)°	10000ft - 16000ft	1.0min timed	230
COND5R	WAYEM	VHF	left	152 (332)°	6000ft - 14000ft	1.0min timed	230
COND7P	BORIS	VHF	left	152 (332)°	10000ft - 16000ft	1.0min timed	230
COND7P	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230

COND7P	PATCA	VHF	left	62 (242)°	7200ft - 14000ft	1.0min timed	230
COND7R	BORIS	VHF	left	152 (332)°	10000ft - 16000ft	1.0min timed	230
COND7R	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
COND7R	WAYEM	VHF	left	152 (332)°	6000ft - 14000ft	1.0min timed	230
IBAG3P	BORIS	VHF	left	152 (332)°	10000ft - 16000ft	1.0min timed	230
IBAG3P	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230
IBAG3R	WAYEM	VHF	left	152 (332)°	6000ft - 14000ft	1.0min timed	230
IBAG5P	BORIS	VHF	left	152 (332)°	10000ft - 16000ft	1.0min timed	230
IBAG5P	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230
IBAG5R	WAYEM	VHF	left	152 (332)°	6000ft - 14000ft	1.0min timed	230
IBAG7P	BORIS	VHF	left	152 (332)°	10000ft - 16000ft	1.0min timed	230
IBAG7P	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230
IBAG7P	PATCA	VHF	left	62 (242)°	7200ft - 14000ft	1.0min timed	230
IBAG7R	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
IBAG7R	WAYEM	VHF	left	152 (332)°	6000ft - 14000ft	1.0min timed	230
LAIY3P	BORIS	VHF	left	152 (332)°	10000ft - 16000ft	1.0min timed	230
LAIY3P	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230
LAIY3R	WAYEM	VHF	left	152 (332)°	6000ft - 14000ft	1.0min timed	230
LAIY5P	BORIS	VHF	left	152 (332)°	10000ft - 16000ft	1.0min timed	230
LAIY5P	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230
LAIY5R	WAYEM	VHF	left	152 (332)°	6000ft - 14000ft	1.0min timed	230
LAIY7P	BORIS	VHF	left	152 (332)°	10000ft - 16000ft	1.0min timed	230
LAIY7P	NATAY	VHF	right	152 (332)°	7200ft - 14000ft	1.0min timed	230
LAIY7P	PATCA	VHF	left	62 (242)°	7200ft - 14000ft	1.0min timed	230
LAIY7R	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
LAIY7R	WAYEM	VHF	left	152 (332)°	6000ft - 14000ft	1.0min timed	230

LUBA1C	HANEL	VHF	right	243 (63)°	5000ft - 60000ft	1.0min timed	ICAO rules
LUBA3P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
LUBA3P	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
LUBA3R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230
LUBA5P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
LUBA5P	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
LUBA5R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230
LUBA7P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
LUBA7P	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
LUBA7P	PATCA	VHF	left	62 (242)°	7200ft - 14000ft	1.0min timed	230
LUBA7R	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
LUBA7R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230
NABA3P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
NABA3R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230
NABA5P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
NABA5R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230
NABA7P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
NABA7P	PATCA	VHF	left	62 (242)°	7200ft - 14000ft	1.0min timed	230
NABA7R	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
NABA7R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230
POLI3P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
POLI3R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230
POLI5P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
POLI5R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230
POLI7P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
POLI7P	PATCA	VHF	left	62 (242)°	7200ft - 14000ft	1.0min timed	230

POLI7R	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
POLI7R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230
POLIO1	BANGI	VHF	right	60 (240)°	7000ft - 60000ft	1.0min timed	ICAO rules
TADE3P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
TADE3R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230
TADE5P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
TADE5R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230
TADE7P	AYIFF	VHF	left	332 (152)°	7200ft - 14000ft	1.0min timed	230
TADE7P	PATCA	VHF	left	62 (242)°	7200ft - 14000ft	1.0min timed	230
TADE7R	ESTEL	VHF	left	242 (62)°	5000ft - 14000ft	1.0min timed	230
TADE7R	YANNI	VHF	right	332 (152)°	5300ft - 14000ft	1.0min timed	230

\*) magnetic outbound (inbound) holding course

## Disclaimer

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