

# LFPG - Paris - Paris - Charles De Gaulle

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## Airport details

State	Ile-de-France
Country	France
Region	LF
Elevation	392ft (119m)
Timezone	GMT +1
Coordinates	49.01588, 2.56097
Type	land
ICAO code	LFPG
IATA code	CDG
FAA code	n/a

## Runway info

Runway 09L / 27R	
length	2693m (8835ft)
bearing	87° / 267°
width	60m (197ft)
surface	asphalt
blast zone	152m (499ft) / 66m (217ft)
Runway 09R / 27L	
length	4190m (13747ft)
bearing	87° / 267°
width	45m (148ft)
surface	asphalt
displacement threshold	0m (0ft) / 599m (1965ft)
Runway 08L / 26R	
length	4130m (13550ft)
bearing	87° / 267°
width	45m (148ft)
surface	asphalt
displacement threshold	0m (0ft) / 528m (1732ft)
blast zone	151m (495ft) / 135m (443ft)
Runway 08R / 26L	
length	2691m (8829ft)
bearing	87° / 267°
width	60m (197ft)
surface	asphalt
blast zone	150m (492ft) / 149m (489ft)

## Communication

Paris - Charles De Gaulle De Gaulle	127.130
ATIS	

Paris - Charles De Gaulle De Gaulle ATIS	127.130
Paris - Charles De Gaulle De Gaulle ATIS	127.130
Paris - Charles De Gaulle De Gaulle ATIS	127.130
Paris - Charles De Gaulle De Gaulle Delivery	121.840
Paris - Charles De Gaulle De Gaulle Delivery	121.840
Paris - Charles De Gaulle De Gaulle Delivery	121.840
Paris - Charles De Gaulle De Gaulle Delivery	121.840
Paris - Charles De Gaulle De Gaulle Ground North	121.610
Paris - Charles De Gaulle De Gaulle Ground South	121.810
Paris - Charles De Gaulle De Gaulle Ground North	121.610
Paris - Charles De Gaulle De Gaulle Ground South	121.810
Paris - Charles De Gaulle De Gaulle Ground North	121.610
Paris - Charles De Gaulle De Gaulle Ground South	121.810
Paris - Charles De Gaulle De Gaulle Ground South	121.810
Paris - Charles De Gaulle De Gaulle Ground North	121.610
Paris - Charles De Gaulle De Gaulle Twr North 1	119.250
Paris - Charles De Gaulle De Gaulle Twr North 2	123.605
Paris - Charles De Gaulle De Gaulle Twr South 1	120.900
Paris - Charles De Gaulle De Gaulle Twr South 2	118.655
Paris - Charles De Gaulle De Gaulle Twr South 2	118.655
Paris - Charles De Gaulle De Gaulle Twr North 1	119.250
Paris - Charles De Gaulle De Gaulle Twr North 2	123.605
Paris - Charles De Gaulle De Gaulle Twr South 1	120.900
Paris - Charles De Gaulle De Gaulle Twr South 2	118.655
Paris - Charles De Gaulle De Gaulle Twr South 1	120.900
Paris - Charles De Gaulle De Gaulle Twr North 1	119.250

Paris - Charles De Gaulle De Gaulle Twr North 2	123.605
Paris - Charles De Gaulle De Gaulle Twr South 1	120.900
Paris - Charles De Gaulle De Gaulle Twr South 2	118.655
Paris - Charles De Gaulle De Gaulle Twr North 2	123.605
Paris - Charles De Gaulle De Gaulle Twr North 1	119.250
Paris - Charles De Gaulle De Gaulle Arrival SE/SW	125.830
Paris - Charles De Gaulle De Gaulle Arrival NE/NW	121.155
Paris - Charles De Gaulle De Gaulle Arrival SE/SW	125.830
Paris - Charles De Gaulle De Gaulle Arrival NE/NW	121.155
Paris - Charles De Gaulle De Gaulle Arrival SE/SW	125.830
Paris - Charles De Gaulle De Gaulle Arrival NE/NW	121.155
Paris - Charles De Gaulle De Gaulle Arrival SE/SW	125.830
Paris - Charles De Gaulle De Gaulle Arrival NE/NW	121.155
Paris - Charles De Gaulle De Gaulle Departure S/W	133.380
Paris - Charles De Gaulle De Gaulle Departure East	131.200
Paris - Charles De Gaulle De Gaulle Departure North	124.355
Paris - Charles De Gaulle De Gaulle Departure S/W	133.380
Paris - Charles De Gaulle De Gaulle Departure East	131.200
Paris - Charles De Gaulle De Gaulle Departure North	124.355
Paris - Charles De Gaulle De Gaulle Departure North	124.355
Paris - Charles De Gaulle De Gaulle Departure East	131.200
Paris - Charles De Gaulle De Gaulle Departure S/W	133.380
Paris - Charles De Gaulle De Gaulle Departure North	124.355
Paris - Charles De Gaulle De Gaulle Departure East	131.200
Paris - Charles De Gaulle De Gaulle Departure S/W	133.380

## Approach frequencies

ILS-cat-III	09L	109.35	18.00mi
ILS-cat-III	27R	110.35	18.00mi
ILS-cat-III	08L	108.7	18.00mi
ILS-cat-III	26R	111.95	18.00mi
ILS-cat-III	26L	108.35	18.00mi
ILS-cat-III	08R	108.55	18.00mi
ILS-cat-III	27L	110.7	18.00mi
ILS-cat-III	09R	110.1	18.00mi
3° GS	27R	110.35	18.00mi
3° GS	08L	108.7	18.00mi
3° GS	26L	108.35	18.00mi
3° GS	08R	108.55	18.00mi
3° GS	09L	109.35	18.00mi
3° GS	27L	110.7	18.00mi
3° GS	09R	110.1	18.00mi
3° GS	26R	111.95	18.00mi

## Nearby beacons

<b>code</b>	<b>identifrier</b>	<b>dist</b>	<b>bearing</b>	<b>frequency</b>
CGN	(PARIS) DME	2.4	273.7°	115.35
PGS	CHARLES-DE-GAULLE (PARIS) VOR/DME	2.6	104.6°	117.05
BT	LE BOURGET (PARIS) VOR/DME	4.8	248.7°	116.10
POY	ORLY (PARIS) NDB	18.4	210.9°	334
CLM	COULOMMIERS VOR/DME	20.6	110.7°	112.90
PON	PONTOISE CORMEILLES EN VE VOR	21.2	278.6°	111.60
BSN	DME	22	70.8°	114.85
TA	VILLACOUBLAY NDB	23.4	242.2°	286
TSU	TOUSSUS LE NOBLE VOR	23.9	240.2°	108.25
BOV	BEAUVAIS TILLE VOR/DME	29.8	315.8°	109.65
RBT	RAMBOUILLET VOR/DME	31.2	237.4°	114.70
MV	MELUN NDB	32.2	137.9°	434
MTD	MONTDIDIER VOR	32.3	352.4°	113.65
HOL	VILLACOUBLAY NDB	33.8	248.9°	315
MLN	MELUN VILLAROCHE VOR/DME	35	155.7°	113.60
BV	BEAUVAIS NDB	35.3	311.8°	391
EPR	EPERNON VOR/DME	42.7	246.6°	115.65
BRY	BRAY SUR SEINE VOR/DME	46.7	129.6°	114.10
GI	AMIENS NDB	49.7	354.6°	339
PTV	PITHIVIERS VOR	52.9	198.9°	116.50
ABY	ALBERT BRAY NDB	58.4	14.5°	321

## Departure and arrival routes

Transition altitude	5000ft
Transition level	70ft

<b>SID end points</b>	<b>distance</b>	<b>outbound direction</b>
RW08L		
NURM5H, NURM5L	49.2	13°
DIK05H, DIK05L	58.9	85°
RANU5H, RANU5L	71.2	86°
BUBL5H, BUBL5L	64.4	99°
BAXI5H, BAXI5L	53.4	100°
LANV5L, LANV5H	135.1	102°
PO5L	16.9	125°
PILU5L, PILU5H	59.2	152°
DORD5L, DORD5H	48.6	164°
OKAS5H, OKAS5L	56.6	167°
LATR5H, LATR5L	56.0	183°
MONO5L, MONO5H	56.1	186°
ERIX5H, ERIX5L	57.2	198°
PTV5H, PTV5L	52.9	199°
PO5H	34.7	209°
AGOP5H, AGOP5L	60.1	211°
LGL5H, LGL5L	81.2	264°
EVX5L, EVX5H	49.9	273°
OPAL5L, OPAL5H	59.2	323°
ATRE5L, ATRE5H	46.8	346°
RW08R		
NURM5H, NURM5L	49.2	13°
DIK05L, DIK05H	58.9	85°
RANU5L, RANU5H	71.2	86°
BUBL5L, BUBL5H	64.4	99°
BAXI5L, BAXI5H	53.4	100°
LANV5L, LANV5H	135.1	102°
PO5L	16.9	125°
PILU5H, PILU5L	59.2	152°
DORD5L, DORD5H	48.6	164°
OKAS5L, OKAS5H	56.6	167°
LATR5H, LATR5L	56.0	183°
MONO5H, MONO5L	56.1	186°
ERIX5H, ERIX5L	57.2	198°
PTV5L, PTV5H	52.9	199°
PO5H	34.7	209°
AGOP5H, AGOP5L	60.1	211°
LGL5H, LGL5L	81.2	264°
EVX5H, EVX5L	49.9	273°
OPAL5H, OPAL5L	59.2	323°
ATRE5H, ATRE5L	46.8	346°
RW09L		
NURM5G, NURM5K	49.2	13°
DIK05K, DIK05G	58.9	85°
RANU5K, RANU5G	71.2	86°
BUBL5G, BUBL5K	64.4	99°

BAXI5G, BAXI5K	53.4	100°
LANV5G, LANV5K	135.1	102°
PILU5K, PILU5G	59.2	152°
DORD5G, DORD5K	48.6	164°
OKAS5G, OKAS5K	56.6	167°
LATR5G, LATR5K	56.0	183°
MONO5G, MONO5K	56.1	186°
ERIX5G, ERIX5K	57.2	198°
PTV5K, PTV5G	52.9	199°
AGOP5G, AGOP5K	60.1	211°
LGL5K, LGL5G	81.2	264°
EVX5G, EVX5K	49.9	273°
OPAL5K, OPAL5G	59.2	323°
ATRE5G, ATRE5K	46.8	346°
RW09R		
NURM5G, NURM5K	49.2	13°
DIKO5K, DIKO5G	58.9	85°
RANU5G, RANU5K	71.2	86°
BUBL5G, BUBL5K	64.4	99°
BAXI5G, BAXI5K	53.4	100°
LANV5K, LANV5G	135.1	102°
PILU5G, PILU5K	59.2	152°
DORD5K, DORD5G	48.6	164°
OKAS5G, OKAS5K	56.6	167°
LATR5K, LATR5G	56.0	183°
MONO5G, MONO5K	56.1	186°
ERIX5G, ERIX5K	57.2	198°
PTV5K, PTV5G	52.9	199°
AGOP5G, AGOP5K	60.1	211°
LGL5K, LGL5G	81.2	264°
EVX5K, EVX5G	49.9	273°
OPAL5K, OPAL5G	59.2	323°
ATRE5G, ATRE5K	46.8	346°
RW26L		
NURM5E, NURM5B	49.2	13°
DIKO5B, DIKO5E	58.9	85°
RANU5B, RANU5E	71.2	86°
BUBL5B, BUBL5E	64.4	99°
BAXI5E, BAXI5B	53.4	100°
LANV5E, LANV5B	135.1	102°
PILU5E, PILU5B	59.2	152°
PO5B	25.2	160°
DORD5E, DORD5B	48.6	164°
OKAS5B, OKAS5E	56.6	167°
LATR5E, LATR5B	56.0	183°
MONO5B, MONO5E	56.1	186°
ERIX5B, ERIX5E	57.2	198°
PTV5E, PTV5B	52.9	199°

AGOP5B, AGOP5E	60.1	211°
PO5E	26.8	258°
LGL5B, LGL5E	81.2	264°
EVX5B, EVX5E	49.9	273°
OPAL5E, OPAL5B	59.2	323°
ATRE5B, ATRE5E	46.8	346°
RW26R		
NURM5B, NURM5E	49.2	13°
DIK05E, DIK05B	58.9	85°
RANU5E, RANU5B	71.2	86°
BUBL5E, BUBL5B	64.4	99°
BAXI5E, BAXI5B	53.4	100°
LANV5B, LANV5E	135.1	102°
PILU5B, PILU5E	59.2	152°
PO5B	25.2	160°
DORD5B, DORD5E	48.6	164°
OKAS5B, OKAS5E	56.6	167°
LATR5B, LATR5E	56.0	183°
MONO5E, MONO5B	56.1	186°
ERIX5B, ERIX5E	57.2	198°
PTV5E, PTV5B	52.9	199°
AGOP5E, AGOP5B	60.1	211°
PO5E	26.8	258°
LGL5B, LGL5E	81.2	264°
EVX5B, EVX5E	49.9	273°
OPAL5E, OPAL5B	59.2	323°
ATRE5E, ATRE5B	46.8	346°
RW27L		
NURM5A, NURM5D	49.2	13°
DIK05D, DIK05A	58.9	85°
RANU5A, RANU5D	71.2	86°
BUBL5D, BUBL5A	64.4	99°
BAXI5D, BAXI5A	53.4	100°
LANV5D, LANV5A	135.1	102°
PILU5A, PILU5D, PILU5Z	59.2	152°
DORD5Z, DORD5D, DORD5A	48.6	164°
OKAS5D, OKAS5Z, OKAS5A	56.6	167°
LATR5Z, LATR5A, LATR5D	56.0	183°
MONO5Z, MONO5A, MONO5D	56.1	186°
ERIX5A, ERIX5Z, ERIX5D	57.2	198°
PTV5A, PTV5D, PTV5Z	52.9	199°
AGOP5A, AGOP5D, AGOP5Z	60.1	211°
LGL5Z, LGL5D, LGL5A	81.2	264°
EVX5Z, EVX5D, EVX5A	49.9	273°
OPAL5D, OPAL5A	59.2	323°
ATRE5A, ATRE5D	46.8	346°
RW27R		
NURM5A, NURM5D	49.2	13°

DIK05D, DIK05A	58.9	85°
RANU5D, RANU5A	71.2	86°
BUBL5A, BUBL5D	64.4	99°
BAXI5A, BAXI5D	53.4	100°
LANV5D, LANV5A	135.1	102°
PILU5D, PILU5Z, PILU5A	59.2	152°
DORD5D, DORD5Z, DORD5A	48.6	164°
OKAS5Z, OKAS5D, OKAS5A	56.6	167°
LATR5Z, LATR5A, LATR5D	56.0	183°
MONO5Z, MONO5D, MONO5A	56.1	186°
ERIX5D, ERIX5Z, ERIX5A	57.2	198°
PTV5Z, PTV5D, PTV5A	52.9	199°
AGOP5A, AGOP5D, AGOP5Z	60.1	211°
LGL5Z, LGL5A, LGL5D	81.2	264°
EVX5A, EVX5D, EVX5Z	49.9	273°
OPAL5D, OPAL5A	59.2	323°
ATRE5A, ATRE5D	46.8	346°

### STAR starting points

ALL

	distance	inbound direction
KOVA9W, KOVA9P, KOVA9E	91.7	59°
KEPE9P, KEPE9W, KEPE9E	116.5	62°
SABL9E, SABL9W, SABL9P	131.9	68°
LUKI9V, LUKI9P, LUKI9E, LUKI9D, LUKI9W	83.0	98°
BIBA9V, BIBA9W, BIBA9P, BIBA9E, BIBA9D	87.0	124°
MOPI9W, MOPI9H, MOPI9J, MOPI9E	90.8	234°
DINA9W, DINA9J, DINA9E, DINA9H	118.7	254°
VEDU9J, VEDU9H	93.6	255°
EPL9H, EPL9W, EPL9P, EPL9E	144.9	281°
RLP9W, RLP9P, RLP9E, RLP9H	126.0	292°
TRO9P, TRO9E, TRO9H, TRO9W	72.1	299°
TINI9W, TINI9E	132.7	299°
DJL9H, DJL9E, DJL9W, DJL9P	145.9	305°
PIBA9E, PIBA9W, PIBA9P, PIBA9H	149.2	322°
MOU9E, MOU9P, MOU9H, MOU9W	145.2	335°

### Holding patterns

STAR name	hold at	type	turn	heading*	altitude	leg	speed limit
BIBA9D	BIBAX	VHF	right	320 (140)°	15000ft - 24000ft	1.5min timed	265
BIBA9D	MOPAR	VHF	left	273 (93)°	7000ft - 14000ft	1.0min timed	230
BIBA9E	BIBAX	VHF	right	320 (140)°	15000ft - 24000ft	1.5min timed	265
BIBA9E	MOPAR	VHF	left	273 (93)°	7000ft - 14000ft	1.0min timed	230



BIBA9P	BIBAX	VHF	right	320 (140)°	15000ft - 24000ft	1.5min timed	265
BIBA9V	BIBAX	VHF	right	320 (140)°	15000ft - 24000ft	1.5min timed	265
BIBA9V	MOPAR	VHF	left	273 (93)°	7000ft - 14000ft	1.0min timed	230
BIBA9W	BIBAX	VHF	right	320 (140)°	15000ft - 24000ft	1.5min timed	265
BIBA9W	MOPAR	VHF	left	273 (93)°	7000ft - 14000ft	1.0min timed	230
DINA9E	ENORI	VHF	right	56 (236)°	15000ft - 24000ft	1.5min timed	265
DINA9E	LORNI	VHF	right	74 (254)°	15000ft - 17000ft	1.5min timed	240
DINA9E	XERAM	VHF	left	73 (253)°	20000ft - 28000ft	1.5min timed	265
DINA9H	ENORI	VHF	right	56 (236)°	15000ft - 24000ft	1.5min timed	265
DINA9H	LORNI	VHF	right	74 (254)°	15000ft - 17000ft	1.5min timed	240
DINA9H	XERAM	VHF	left	73 (253)°	20000ft - 28000ft	1.5min timed	265
DINA9J	XERAM	VHF	left	73 (253)°	20000ft - 28000ft	1.5min timed	265
DINA9W	ENORI	VHF	right	56 (236)°	15000ft - 24000ft	1.5min timed	265
DINA9W	LORNI	VHF	right	74 (254)°	15000ft - 17000ft	1.5min timed	240
DINA9W	XERAM	VHF	left	73 (253)°	20000ft - 28000ft	1.5min timed	265
DJL9E	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
DJL9H	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
DJL9P	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
DJL9W	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
EPL9E	NANOP	VHF	left	138 (318)°	7000ft - 14000ft	1.0min timed	230
EPL9E	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
EPL9H	NANOP	VHF	left	138 (318)°	7000ft - 14000ft	1.0min timed	230
EPL9H	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
EPL9P	NANOP	VHF	left	138 (318)°	7000ft - 14000ft	1.0min timed	230
EPL9P	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
EPL9W	NANOP	VHF	left	138 (318)°	7000ft - 14000ft	1.0min timed	230

EPL9W	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
KEPE9E	BANOX	VHF	right	242 (62)°	15000ft - 18000ft	1.5min timed	240
KEPE9E	ROMGO	VHF	right	214 (34)°	7000ft - 14000ft	1.0min timed	230
KEPE9P	BANOX	VHF	right	242 (62)°	15000ft - 18000ft	1.5min timed	240
KEPE9P	ROMGO	VHF	right	214 (34)°	7000ft - 14000ft	1.0min timed	230
KEPE9W	BANOX	VHF	right	242 (62)°	15000ft - 18000ft	1.5min timed	240
KEPE9W	ROMGO	VHF	right	214 (34)°	7000ft - 14000ft	1.0min timed	230
KOVA9E	BANOX	VHF	right	242 (62)°	15000ft - 18000ft	1.5min timed	240
KOVA9E	ROMGO	VHF	right	214 (34)°	7000ft - 14000ft	1.0min timed	230
KOVA9P	BANOX	VHF	right	242 (62)°	15000ft - 18000ft	1.5min timed	240
KOVA9P	ROMGO	VHF	right	214 (34)°	7000ft - 14000ft	1.0min timed	230
KOVA9W	BANOX	VHF	right	242 (62)°	15000ft - 18000ft	1.5min timed	240
KOVA9W	ROMGO	VHF	right	214 (34)°	7000ft - 14000ft	1.0min timed	230
LUKI9D	LUKIP	VHF	left	275 (95)°	20000ft - 24000ft	1.5min timed	265
LUKI9D	MOPAR	VHF	left	273 (93)°	7000ft - 14000ft	1.0min timed	230
LUKI9E	LUKIP	VHF	left	275 (95)°	20000ft - 24000ft	1.5min timed	265
LUKI9E	MOPAR	VHF	left	273 (93)°	7000ft - 14000ft	1.0min timed	230
LUKI9P	LUKIP	VHF	left	275 (95)°	20000ft - 24000ft	1.5min timed	265
LUKI9V	LUKIP	VHF	left	275 (95)°	20000ft - 24000ft	1.5min timed	265
LUKI9V	MOPAR	VHF	left	273 (93)°	7000ft - 14000ft	1.0min timed	230
LUKI9W	LUKIP	VHF	left	275 (95)°	20000ft - 24000ft	1.5min timed	265
LUKI9W	MOPAR	VHF	left	273 (93)°	7000ft - 14000ft	1.0min timed	230
MATI9E	ENORI	VHF	right	56 (236)°	15000ft - 24000ft	1.5min timed	265
MATI9E	LORNI	VHF	right	74 (254)°	15000ft - 17000ft	1.5min timed	240
MATI9H	ENORI	VHF	right	56 (236)°	15000ft - 24000ft	1.5min timed	265
MATI9H	LORNI	VHF	right	74 (254)°	15000ft - 17000ft	1.5min timed	240

MATI9W	ENORI	VHF	right	56 (236)°	15000ft - 24000ft	1.5min timed	265
MATI9W	LORNI	VHF	right	74 (254)°	15000ft - 17000ft	1.5min timed	240
MOPI9E	ENORI	VHF	right	56 (236)°	15000ft - 24000ft	1.5min timed	265
MOPI9E	LORNI	VHF	right	74 (254)°	15000ft - 17000ft	1.5min timed	240
MOPI9E	XERAM	VHF	left	73 (253)°	20000ft - 28000ft	1.5min timed	265
MOPI9H	ENORI	VHF	right	56 (236)°	15000ft - 24000ft	1.5min timed	265
MOPI9H	LORNI	VHF	right	74 (254)°	15000ft - 17000ft	1.5min timed	240
MOPI9H	XERAM	VHF	left	73 (253)°	20000ft - 28000ft	1.5min timed	265
MOPI9J	XERAM	VHF	left	73 (253)°	20000ft - 28000ft	1.5min timed	265
MOPI9W	ENORI	VHF	right	56 (236)°	15000ft - 24000ft	1.5min timed	265
MOPI9W	LORNI	VHF	right	74 (254)°	15000ft - 17000ft	1.5min timed	240
MOPI9W	XERAM	VHF	left	73 (253)°	20000ft - 28000ft	1.5min timed	265
MOU9E	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
MOU9H	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
MOU9P	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
MOU9W	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
PIBA9E	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
PIBA9H	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
PIBA9P	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
PIBA9W	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
RLP9E	NANOP	VHF	left	138 (318)°	7000ft - 14000ft	1.0min timed	230
RLP9E	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
RLP9H	NANOP	VHF	left	138 (318)°	7000ft - 14000ft	1.0min timed	230
RLP9H	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
RLP9P	NANOP	VHF	left	138 (318)°	7000ft - 14000ft	1.0min timed	230
RLP9P	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240

RLP9W	NANOP	VHF	left	138 (318)°	7000ft - 14000ft	1.0min timed	230
RLP9W	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
ROMG9E	BANOX	VHF	right	242 (62)°	15000ft - 18000ft	1.5min timed	240
ROMG9E	ROMGO	VHF	right	214 (34)°	7000ft - 14000ft	1.0min timed	230
ROMG9P	BANOX	VHF	right	242 (62)°	15000ft - 18000ft	1.5min timed	240
ROMG9P	ROMGO	VHF	right	214 (34)°	7000ft - 14000ft	1.0min timed	230
ROMG9W	BANOX	VHF	right	242 (62)°	15000ft - 18000ft	1.5min timed	240
ROMG9W	ROMGO	VHF	right	214 (34)°	7000ft - 14000ft	1.0min timed	230
SABL9E	BANOX	VHF	right	242 (62)°	15000ft - 18000ft	1.5min timed	240
SABL9E	ROMGO	VHF	right	214 (34)°	7000ft - 14000ft	1.0min timed	230
SABL9P	BANOX	VHF	right	242 (62)°	15000ft - 18000ft	1.5min timed	240
SABL9P	ROMGO	VHF	right	214 (34)°	7000ft - 14000ft	1.0min timed	230
SABL9W	BANOX	VHF	right	242 (62)°	15000ft - 18000ft	1.5min timed	240
SABL9W	ROMGO	VHF	right	214 (34)°	7000ft - 14000ft	1.0min timed	230
TINI9E	NANOP	VHF	left	138 (318)°	7000ft - 14000ft	1.0min timed	230
TINI9E	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
TINI9W	NANOP	VHF	left	138 (318)°	7000ft - 14000ft	1.0min timed	230
TINI9W	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
TRO9E	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
TRO9H	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
TRO9P	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
TRO9W	OKIPA	VHF	left	122 (302)°	15000ft - 19000ft	1.5min timed	240
VEDU9E	ENORI	VHF	right	56 (236)°	15000ft - 24000ft	1.5min timed	265
VEDU9E	LORNI	VHF	right	74 (254)°	15000ft - 17000ft	1.5min timed	240
VEDU9E	XERAM	VHF	left	73 (253)°	20000ft - 28000ft	1.5min timed	265
VEDU9H	ENORI	VHF	right	56 (236)°	15000ft - 24000ft	1.5min timed	265

VEDU9H	LORNI	VHF	right	74 (254)°	15000ft - 17000ft	1.5min timed	240
VEDU9H	XERAM	VHF	left	73 (253)°	20000ft - 28000ft	1.5min timed	265
VEDU9J	XERAM	VHF	left	73 (253)°	20000ft - 28000ft	1.5min timed	265
VEDU9W	ENORI	VHF	right	56 (236)°	15000ft - 24000ft	1.5min timed	265
VEDU9W	LORNI	VHF	right	74 (254)°	15000ft - 17000ft	1.5min timed	240
VEDU9W	XERAM	VHF	left	73 (253)°	20000ft - 28000ft	1.5min timed	265

\*) magnetic outbound (inbound) holding course

## Disclaimer

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