

TABULAR DESCRIPTION RNAV 1 SID RWY 09L (VOBL)**AKTIM 7A**

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL402	DF		-	-	-	+7000.00	-	-	3.32	RNAV 1
BL403	TF		183.83° (182.00°)	R	-	-	-	7.59	-	RNAV 1
BL404	TF		254.09° (252.26°)	R	-F110	-	-	12.80	-	RNAV 1
OMUKA	TF		189.18° (187.35°)	L	-	-	-	28.34	-	RNAV 1
AKTIM	TF		189.06° (187.22°)	-	-	-	-	28.98	-	RNAV 1

GUNIM 7A

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	-	RNAV 1
BL402	DF		-	-	-	-	-	-	-	RNAV 1
BL701	TF		2.39° (0.56°)	L	-	-	-	7.00	-	RNAV 1
BL406	TF		331.55° (329.72°)	L	-FL110	-	-	16.03	-	RNAV 1
BL703	TF		273.05° (271.22°)	L	-	+FL150	-	17.66	-	RNAV 1
BL407	TF		278.05° (276.22°)	-	-	-	-	50.29	-	RNAV 1
GUNIM	TF		293.82° (291.99°)	R	-	-	-	68.62	-	RNAV 1

ANIRO 7A

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	-	RNAV 1
BL402	DF		-	-	-	-	-	-	-	RNAV 1
LIGLO	TF		28.75° (26.91°)	L	-FL110	-	-	23.51	-	RNAV 1
ANIRO	TF		47.82° (45.98°)	R	-	-	-	41.22	-	RNAV 1

VEMBO 7A

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
				°M(°T)	ft	ft	kt	NM	°	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	-	RNAV 1
BL402	DF	-	-	-	-	-	-	-	-	RNAV 1
LIGLO	TF		28.75° (26.91°)	L	-FL110	-	-	23.51	-	RNAV 1
VEMBO	TF		89.08° (87.24°)	R	-	-	-	42.84	-	RNAV 1

TULNA 7A

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
				°M(°T)	ft	ft	kt	NM	°	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL402	DF		N/A	-	-	+7000.00	-	-	3.32	RNAV 1
TULNA	TF		103.57° (101.74°)	R	-	-	-	70.29	-	RNAV 1

PEXEG 7A

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
				°M(°T)	ft	ft	kt	NM	°	
-	VA		92.34° 90.51°	-	-	+3400.00	-	-	3.32	RNAV 1
BL402	DF	-	-	-	-	+7000.00	-	-	3.32	RNAV 1
BL403	TF		183.83° (182.00°)	R	-		-	7.59	-	RNAV 1
BL404	TF		254.09° (252.26°)	R	-FL110	-	-	12.80	-	RNAV 1
BL405	TF		272.80° (270.97°)	R	-FL110	-	-	11.89	-	RNAV 1
BL808	TF		274.08° (272.24°)	-	-	+FL160	-	26.99	-	RNAV 1
PEXEG	TF		273.85° (272.02°)	-	-	-	-	58.69	-	RNAV 1

OPAMO 7A

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		92.34° 90.51°	-	-	+3400.00	-	-	-	RNAV 1
BL402	DF		-	-	-	-	-	-	-	RNAV 1
BL701	TF		2.39° (0.56°)	L	-	-	-	7.00	-	RNAV 1
BL406	TF		331.55° (329.72°)	L	-FL110	-	-	16.03	-	RNAV 1
OPAMO	TF		328.72° (326.89°)	L	-	-	-	74.03	-	RNAV 1

VAGPU 7A

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		92.34° 90.51°	-	-	+3400.00	-	-	-	RNAV 1
BL402	DF		-	-	-	-	-	-	-	RNAV 1
BL701	TF		2.39° (0.56°)	L	-	-	-	7.00	-	RNAV 1
BL406	TF		331.55° (329.72°)	L	-FL110	-	-	16.03	-	RNAV 1
OPAMO	TF		328.72° (326.89°)	L	-	-	-	74.03	-	RNAV 1
VAGPU	TF		342.17° (340.34°)	R	-	-	-	69.79	-	RNAV 1

SAI 7A

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		92.34° 90.51°	-	-	+3400.00	-	-	-	RNAV 1
BL402	DF	-	-	-	-	-	-	-	-	RNAV 1
BL701	TF		2.39° (0.56°)	L	-	-	-	7.00	-	RNAV 1
BL406	TF		331.55° (329.72°)	L	-FL110	-	-	16.03	-	RNAV 1
SAI	TF		2.05° (0.22°)	R	-	-	-	35.61	-	RNAV 1

LATID 7A

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	-	RNAV 1
BL402	DF		-	-	-	-	-	-	-	RNAV 1
BL701	TF	-	2.39° (0.56°)	L	-	-	-	7.00	-	RNAV 1
BL406	TF	-	331.55° (329.72°)	L	-FL110	-	-	16.03	-	RNAV 1
LATID	TF	-	11.84° (10.01°)	R	-	-	-	55.95	-	RNAV 1

GUNIM 7L

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	-	RNAV 1
BL402	DF		-	-	-	-	-	-	-	RNAV 1
BL701	TF		2.39° (0.56°)	L	-	-	-	7.00	-	RNAV 1
BL406	TF		331.55° (329.72°)	L	-FL110	-	-	16.03	-	RNAV 1
OPAMO	TF		328.72° (326.89°)	L	-	-	-	74.03	-	RNAV 1
GUNIM	TF		253.14° (251.31°)	L	-	-	-	95.50	-	RNAV 1

TABULAR DESCRIPTION RNAV 1 SID RWY09R (VOBL)**AKTIM 7C**

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			$^{\circ}\text{M}(\text{^{\circ}\text{T})}$		ft	ft	kt	NM	$^{\circ}$	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL401	DF		-	L	-	-	-	-	3.32	RNAV 1
BL402	TF		92.38° (90.55°)	R	-	+7000.00	-	5.96	3.32	RNAV 1
BL403	TF		183.83° (182.00°)	R	-	-	-	7.59	-	RNAV 1
BL404	TF		254.09° (252.26°)	R	-FL110	-	-	12.80	-	RNAV 1
OMUKA	TF		189.18° (187.35°)	L	-	-	-	28.34	-	RNAV 1
AKTIM	TF		189.06° (187.22°)	-	-	-	-	28.98	-	RNAV 1

GUNIM 7C

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			$^{\circ}\text{M}(\text{^{\circ}\text{T})}$		ft	ft	kt	NM	$^{\circ}$	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL401	DF		-	L	-	-	-	-	-	RNAV 1
BL402	TF		92.38° (90.55°)	R	-	-	-	5.96	-	RNAV 1
BL701	TF		2.39° (0.56°)	L	-	-	-	7.00	-	RNAV 1
BL406	TF		331.55° (329.72°)	L	-FL110	-	-	16.03	-	RNAV 1
BL703	TF		273.05° (271.22°)	L	-	+FL150	-	17.66	-	RNAV 1
BL407	TF		278.05° (276.22°)	R	-	-	-	50.29	-	RNAV 1
GUNIM	TF		293.82° (291.99°)	R	-	-	-	68.62	-	RNAV 1

ANIRO 7C

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			$^{\circ}\text{M}(\text{^{\circ}\text{T})}$		ft	ft	kt	NM	$^{\circ}$	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL401	DF		-	L	-	-	-	-	-	RNAV 1
BL402	TF		92.38° (90.55°)	R	-	-	-	5.96	-	RNAV 1
LIGLO	TF		28.75° (26.91°)	L	-FL110	-	-	23.51	-	RNAV 1

ANIRO	TF		47.82° (45.98°)	R	-	-	-	41.22	-	-	RNAV 1
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VEMBO 7C

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification	
										°M(°T)	ft
ft	ft	kt	NM	°							
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	3.32	-	RNAV 1
BL401	DF		-	L	-	-	-	-	-	-	RNAV 1
BL402	TF		92.38° (90.55°)	R	-	-	-	-	5.96	-	RNAV 1
LIGLO	TF		28.75° (26.91°)	L	-FL110	-	-	23.51	-	-	RNAV 1
VEMBO	TF		89.08° (87.24°)	R	-	-	-	42.84	-	-	RNAV 1

TULNA 7C

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification	
										°M(°T)	ft
ft	ft	kt	NM	°							
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	3.32	-	RNAV 1
BL401	DF		-	L	-	-	-	-	3.32	-	RNAV 1
BL402	TF		92.38° (90.55°)	R	-	+7000.00	-	5.96	3.32	-	RNAV 1
TULNA	TF		103.57° (101.74°)	R	-	-	-	70.29	-	-	RNAV 1

PEXEG 7C

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification	
										°M(°T)	ft
ft	ft	kt	NM	°							
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	3.32	-	RNAV 1
BL401	DF		-	L	-	-	-	-	3.32	-	RNAV 1
BL402	TF		92.38° (90.55°)	R	-	+7000.00	-	5.96	3.32	-	RNAV 1
BL403	TF		183.83° (182.00°)	R	-	-	-	7.59	-	-	RNAV 1
BL404	TF		254.09° (252.26°)	R	-FL110	-	-	12.80	-	-	RNAV 1
BL405	TF		272.80° (270.97°)	R	-FL110	-	-	11.89	-	-	RNAV 1
BL808	TF		274.08° (272.24°)	-	-	+FL160	-	26.99	-	-	RNAV 1
PEXEG	TF		273.85° (272.02°)	-	-	-	-	58.69	-	-	RNAV 1

OPAMO 7C

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL401	DF		-	L	-	-	-	-	-	RNAV 1
BL402	TF		92.38° (90.55°)	R	-	-	-	5.96	-	RNAV 1
BL701	TF		2.39° (0.56°)	L	-	-	-	7.00	-	RNAV 1
BL406	TF		331.55° (329.72°)	L	-FL110	-	-	16.03	-	RNAV 1
OPAMO	TF		328.72° (326.89°)	L	-	-	-	74.03	-	RNAV 1

VAGPU 7C

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL401	DF		-	L	-	-	-	-	-	RNAV 1
BL402	TF		92.38° (90.55°)	R	-	-	-	5.96	-	RNAV 1
BL701	TF		2.39° (0.56°)	L	-	-	-	7.00	-	RNAV 1
BL406	TF		331.55° (329.72°)	L	-FL110	-	-	16.03	-	RNAV 1
OPAMO	TF		328.72° (326.89°)	L	-	-	-	74.03	-	RNAV 1
VAGPU	TF		342.17° (340.34°)	R	-	-	-	69.79	-	RNAV 1

SAI 7C

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL401	DF		-	L	-	-	-	-	-	RNAV 1
BL402	TF		92.38° (90.55°)	R	-	-	-	5.96	-	RNAV 1
BL701	TF		2.39° (0.56°)	L	-	-	-	7.00	-	RNAV 1
BL406	TF		331.55° (329.72°)	L	-FL110	-	-	16.03	-	RNAV 1
SAI	TF		2.05° (0.22°)	R	-	-	-	35.61	-	RNAV 1

LATID 7C

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
				$^{\circ}M(^{\circ}T)$	ft	ft	kt	NM	$^{\circ}$	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL401	DF	-	-	L	-	-	-	-	-	RNAV 1
BL402	TF	-	92.38° (90.55°)	R	-	-	-	5.96	-	RNAV 1
BL701	TF	-	2.39° (0.56°)	L	-	-	-	7.00	-	RNAV 1
BL406	TF	-	331.55° (329.72°)	L	-FL110	-	-	16.03	-	RNAV 1
LATID	TF	-	11.84° (10.01°)	R	-	-	-	55.95	-	RNAV 1

GUNIM 7M

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
				$^{\circ}M(^{\circ}T)$	ft	ft	kt	NM	$^{\circ}$	
-	VA		92.34° (90.51°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL401	DF		-	L	-	-	-	-	-	RNAV 1
BL402	TF		92.38° (90.55°)	R	-	-	-	5.96	-	RNAV 1
BL701	TF		2.39° (0.56°)	L	-	-	-	7.00	-	RNAV 1
BL406	TF		331.55° (329.72°)	L	-FL110	-	-	16.03	-	RNAV 1
OPAMO	TF		328.72° (326.89°)	L	-	-	-	74.03	-	RNAV 1
GUNIM	TF		253.14° (251.31°)	L	-	-	-	95.50	-	RNAV 1

TABULAR DESCRIPTION RNAV 1 SID RWY 27L (VOBL)**ANIRO 7D**

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		272.33° (270.50°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL813	DF		-	R	-	-	-	-	3.32	RNAV 1
BL814	TF		272.28° (270.45°)	L	-	-	-	10.25	-	RNAV 1
BL815	TF		2.28° (0.45°)	R	-	-	-	10.40	-	RNAV 1
BL503	TF		54.39° (52.56°)	R	-FL110	-	-	14.50	-	RNAV 1
BL802	TF		87.78° (85.95°)	R	-	+FL140	-	12.96		RNAV 1
LIGLO	TF		87.84° (86.00°)	-	-	-	-	14.20		RNAV 1
ANIRO	TF		47.82° (45.98°)	L	-	-	-	41.22		RNAV 1

VEMBO 7D

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		272.33° (270.50°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL813	DF		-	R	-	-	-	-	3.32	RNAV 1
BL814	TF		272.28° (270.45°)	L	-	-	-	10.25	-	RNAV 1
BL815	TF		2.28° (0.45°)	R	-	-	-	10.40	-	RNAV 1
BL503	TF		54.39° (52.56°)	R	-FL110	-	-	14.50	-	RNAV 1
BL802	TF		87.78° (85.95°)	R	-	+FL140	-	12.96		RNAV 1
LIGLO	TF		87.84° (86.00°)	-	-	-	-	14.20		RNAV 1
VEMBO	TF		89.08° (87.24°)	-	-	-	-	42.84		RNAV 1

ANIRO 7Y

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification					
										°M(°T)	ft	ft	kt	NM	°
-	VA		272.33° 270.50°	-	-	+3400.00	-	-	3.32						RNAV 1
BL813	DF		-	R	-	-	-	-	3.32						RNAV 1
BL814	TF		272.28° 270.45°	L	-	+7000.00	-	10.25	3.32						RNAV 1
BL817	TF		191.34° 189.51°	L	-	-	-	6.72	-						RNAV 1
BL506	TF		104.94° 103.11°	L	-	-	-	6.79	-						RNAV 1
BL804	TF		95.35° (93.52°)	L	-FL110	+FL100	-	15.00	-						RNAV 1
BL816	TF		95.44° (93.60°)	-	-	-	-	23.02	-						RNAV 1
DOXIT	TF		5.56° (3.73°)	L	-	-	-	16.61	-						RNAV 1
BL818	TF		30.43° (28.59°)	R	-	-	-	13.80	-						RNAV 1
ANIRO	TF		30.50° (28.66°)	R	-	-	-	36.03	-						RNAV 1

VEMBO 7Y

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification					
										°M(°T)	ft	ft	kt	NM	°
-	VA		272.33° 270.50°	-	-	+3400.00	-	-	3.32						RNAV 1
BL813	DF		-	R	-	-	-	-	3.32						RNAV 1
BL814	TF		272.28° 270.45°	L	-	+7000.00	-	10.25	3.32						RNAV 1
BL817	TF		191.34° 189.51°	L	-	-	-	6.72	-						RNAV 1
BL506	TF		104.94° 103.11°	L	-	-	-	6.79	-						RNAV 1
BL804	TF		95.35° (93.52°)	L	-FL110	+FL100	-	15.00	-						RNAV 1
BL816	TF		95.44° (93.60°)	-	-	-	-	23.02	-						RNAV 1
DOXIT	TF		5.56° (3.73°)	L	-	-	-	16.61	-						RNAV 1
BL818	TF		30.43° (28.59°)	R	-	-	-	13.80	-						RNAV 1
VEMBO	TF		82.42° (80.59°)	R	-	-	-	30.84	-						RNAV 1

TULNA 7D

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		272.33° 270.50°	-	-	+3400.00	-	-	3.32	RNAV 1
BL813	DF		-	R	-	-	-	-	3.32	RNAV 1
BL814	TF		272.28° 270.45°	L	-	+7000.00	-	10.25	3.32	RNAV 1
BL817	TF		191.34° 189.51°	L	-	-	-	6.72	-	RNAV 1
BL506	TF		104.94° 103.11°	L	-	-	-	6.79	-	RNAV 1
BL804	TF		95.35° (93.52°)	L	-FL110	+FL100	-	15.00	-	RNAV 1
BL816	TF		95.44° (93.60°)	-	-	-	-	23.02	-	RNAV 1
TULNA	TF		95.64° (93.81°)	-	-	-	-	53.64	-	RNAV 1

AKTIM 7D

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		272.33° 270.50°	-	-	+3400.00	-	-	3.32	RNAV 1
BL813	DF		-	R	-	-	-	-	3.32	RNAV 1
BL814	TF		272.28° 270.45°	L	-	+7000.00	-	10.25	3.32	RNAV 1
BL817	TF		191.34° 189.51°	L	-	-	-	6.72	-	RNAV 1
BL506	TF		104.94° 103.11°	L	-	-	-	6.79	-	RNAV 1
BL507	TF		130.55° (128.72°)	R	-FL110	-	-	11.07	-	RNAV 1
OMUKA	TF		186.81° (184.98°)	R	-	-	-	24.43	-	RNAV 1
AKTIM	TF		189.06° (187.22°)	-	-	-	-	28.98	-	RNAV 1

PEXEG 7D

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		272.33° 270.50°	-	-	+3400.00	-	-	3.32	RNAV 1
BL813	DF		-	R	-	-	-	-	3.32	RNAV 1
BL814	TF		272.28° 270.45°	L	-	+7000.00	-	10.25	3.32	RNAV 1
BL811	TF		273.54° 271.71°	R	-FL140	-	-	29.43	-	RNAV 1

PEXEG	TF		262.24° (260.41°)	L	-	-	-	53.13	-	RNAV 1
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GUNIM 7D

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		272.33° (270.50°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL813	DF		-	R	-	-	-	-	3.32	RNAV 1
BL814	TF		272.28° (270.45°)	L	-	+7000.00	-	10.25	3.32	RNAV 1
BL504	TF		316.76° (314.92°)	R	-	-	-	17.74	1.89	RNAV 1
GUNIM	TF		293.82° (291.99°)	L	-	-	-	106.53	-	RNAV 1

GUNIM 7U

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		272.33° (270.50°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL813	DF		-	R	-	-	-	-	3.32	RNAV 1
BL814	TF		272.28° (270.45°)	L	-	-	-	10.25	-	RNAV 1
BL815	TF		2.28° (0.45°)	R	-	-	-	10.40	-	RNAV 1
BL503	TF		54.39° (52.56°)	R	-FL110	-	-	14.50	-	RNAV 1
OPAMO	TF		335.21° (333.38°)	L	-	-	-	71.39	-	RNAV 1
GUNIM	TF		253.14° (251.31°)	L	-	-	-	95.50	-	RNAV 1

OPAMO 7D

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		272.33° (270.50°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL813	DF		-	R	-	-	-	-	3.32	RNAV 1
BL814	TF		272.28° (270.45°)	L	-	-	-	10.25	-	RNAV 1
BL815	TF		2.28° (0.45°)	R	-	-	-	10.40	-	RNAV 1
BL503	TF		54.39° (52.56°)	R	-FL110	-	-	14.50	-	RNAV 1
OPAMO	TF		335.21° (333.38°)	L	-	-	-	71.39	-	RNAV 1

VAGPU 7D

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		272.33° (270.50°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL813	DF		-	R	-	-	-	-	3.32	RNAV 1
BL814	TF		272.28° (270.45°)	L	-	-	-	10.25	-	RNAV 1
BL815	TF		2.28° (0.45°)	R	-	-	-	10.40	-	RNAV 1
BL503	TF		54.39° (52.56°)	R	-FL110	-	-	14.50	-	RNAV 1
OPAMO	TF		335.21° (333.38°)	L	-	-	-	71.39	-	RNAV 1
VAGPU	TF		342.17° (340.34°)	R	-	-	-	69.79	-	RNAV 1

SAI 7D

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		272.33° (270.50°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL813	DF		-	R	-	-	-	-	3.32	RNAV 1
BL814	TF		272.28° (270.45°)	L	-	-	-	10.25	-	RNAV 1
BL815	TF		2.28° (0.45°)	R	-	-	-	10.40	-	RNAV 1
BL503	TF		54.39° (52.56°)	R	-FL110	-	-	14.50	-	RNAV 1
SAI	TF		(14.77°) 12.94°	L	-	-	-	38.37	-	RNAV 1

LATID 7D

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		272.33° (270.50°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL813	DF		-	R	-	-	-	-	3.32	RNAV 1
BL814	TF		272.28° (270.45°)	L	-	-	-	10.25	-	RNAV 1
BL815	TF		2.28° (0.45°)	R	-	-	-	10.40	-	RNAV 1
BL503	TF		54.39° (52.56°)	R	-FL110	-	-	14.50	-	RNAV 1
LATID	TF		19.56° (17.73°)	L	-	-	-	59.71	-	RNAV 1

TABULAR DESCRIPTION RNAV 1 SID RWY27R(VOBL)**ANIRO 7B**

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		272.34° (270.50°)	-	-	+3400.00	-	-		RNAV 1
BL801	CF		302.00° (300.17°)	R	-	-	-	-		RNAV 1
BL503	TF		32.32° (30.49°)	R	-FL110	-	-	14.87		RNAV 1
BL802	TF		87.78° (85.95°)	R	-	+FL140	-	12.96		RNAV 1
LIGLO	TF		87.84° (86.00°)	-	-	-	-	14.20		RNAV 1
ANIRO	TF		47.82° (45.98°)	L	-	-	-	41.22		RNAV 1

VEMBO 7B

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		272.34° (270.50°)	-	-	+3400.00	-	-		RNAV 1
BL801	CF		302.00° (300.17°)	R	-	-	-	-		RNAV 1
BL503	TF		32.32° (30.49°)	R	-FL110	-	-	14.87		RNAV 1
BL802	TF		87.78° (85.95°)	R	-	+FL140	-	12.96		RNAV 1
LIGLO	TF		87.84° (86.00°)	-	-	-	-	14.20		RNAV 1
VEMBO	TF		89.08° (87.24°)	-	-	-	-	42.84		RNAV 1

ANIRO 7S

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		272.34° (270.50°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL801	CF		302.00° (300.17°)	R	-	+7000.00	-	-	3.32	RNAV 1
BL803	TF		211.98° (210.14°)	L	-	-	-	11.69	-	RNAV 1
BL506	TF		123.13° (121.30°)	L	-	-	-	8.58	-	RNAV 1
BL804	TF		95.35° (93.52°)	L	-FL110	+FL100	-	15.00	-	RNAV 1
BL816	TF		95.44° (93.60°)	-	-	-	-	23.02	-	RNAV 1
DOXIT	TF		5.56° (3.73°)	L	-	-	-	16.61	-	RNAV 1
BL818	TF		30.43° (28.59°)	R	-	-	-	13.80	-	RNAV 1

ANIRO	TF		30.50° (28.66°)	R	-	-	-	36.03	-		RNAV 1
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VEMBO 7S

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification	
										°M(°T)	ft
										ft	°
-	VA		272.34° (270.50°)	-	-	+3400.00	-	-	3.32		RNAV 1
BL801	CF		302.00° (300.17°)	R	-	+7000.00	-	-	3.32		RNAV 1
BL803	TF		211.98° (210.14°)	L	-	-	-	11.69	-		RNAV 1
BL506	TF		123.13° (121.30°)	L	-	-	-	8.58	-		RNAV 1
BL804	TF		95.35° (93.52°)	L	-FL110	+FL100	-	15.00	-		RNAV 1
BL816	TF		95.44° (93.60°)	-	-	-	-	23.02	-		RNAV 1
DOXIT	TF		5.56° (3.73°)	L	-	-	-	16.61	-		RNAV 1
BL818	TF		30.43° (28.59°)	R	-	-	-	13.80	-		RNAV 1
VEMBO	TF		82.42° (80.59°)	R	-	-	-	30.84	-		RNAV 1

TULNA 7B

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification	
										°M(°T)	ft
										ft	°
-	VA		272.34° (270.50°)	-	-	+3400.00	-	-	3.32		RNAV 1
BL801	CF		302.00° (300.17°)	R	-	+7000.00	-	-	3.32		RNAV 1
BL803	TF		211.98° (210.14°)	L	-	-	-	11.69	-		RNAV 1
BL506	TF		123.13° (121.30°)	L	-	-	-	8.58	-		RNAV 1
BL804	TF		95.35° (93.52°)	L	-FL110	+FL100	-	15.00	-		RNAV 1
BL816	TF		95.44° (93.60°)	-	-	-	-	23.02	-		RNAV 1
TULNA	TF		95.64° (93.81°)	-	-	-	-	53.64	-		RNAV 1

AKTIM 7B

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
				°M(°T)	ft	ft	kt	NM	°	
-	VA		272.34° (270.50°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL801	CF		302.00° (300.17°)	R	-	+7000.00	-	-	3.32	RNAV 1
BL803	TF		211.98° (210.14°)	L	-	-	-	11.69	-	RNAV 1
BL506	TF		123.13° (121.30°)	L	-FL110	-	-	8.58	-	RNAV 1
BL507	TF		130.55° (128.72°)	R	-FL110	-	-	11.07	-	RNAV 1
OMUKA	TF		186.81° (184.98°)	R	-	-	-	24.43	-	RNAV 1
AKTIM	TF		189.06° (187.22°)	-	-	-	-	28.98	-	RNAV 1

PEXEG 7B

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
				°M(°T)	ft	ft	kt	NM	°	
-	VA		272.34° (270.50°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL801	CF		302.00° (300.17°)	R	-	+7000.00	-	-	3.32	RNAV 1
BL811	TF		262.45° (260.61°)	L	-FL140	-	-	33.91	-	RNAV 1
PEXEG	TF		262.24° (260.41°)	-	-	-	-	53.13	-	RNAV 1

GUNIM 7B

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
				°M(°T)	ft	ft	kt	NM	°	
-	VA		272.34° (270.50°)	-	-	+3400.00	-	-	3.32	RNAV 1
BL801	CF		302.00° (300.17°)	R	-	+7000.00	-	-	3.32	RNAV 1
BL504	TF		292.08° (290.24°)	L	-	-	-	17.70	-	RNAV 1
GUNIM	TF		293.82° (291.99°)	-	-	-	-	106.53	-	RNAV 1

GUNIM 7J

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		272.34° (270.50°)	-	-	+3400.00	-	-	-	RNAV 1
BL801	CF		302.00° (300.17°)	R	-	-	-	-	-	RNAV 1
BL503	TF		32.32° (30.49°)	R	-FL110	-	-	14.87	-	RNAV 1
OPAMO	TF		335.21° (333.38°)	L	-	-	-	71.39	-	RNAV 1
GUNIM	TF		253.14° (251.31°)	L	-	-	-	95.50	-	RNAV 1

OPAMO 7B

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		272.34° (270.50°)	-	-	+3400.00	-	-	-	RNAV 1
BL801	CF		302.00° (300.17°)	R	-	-	-	-	-	RNAV 1
BL503	TF		32.32° (30.49°)	R	-FL110	-	-	14.87	-	RNAV 1
OPAMO	TF		335.21° (333.38°)	L	-	-	-	71.39	-	RNAV 1

VAGPU 7B

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		272.34° (270.50°)	-	-	+3400.00	-	-	-	RNAV 1
BL801	CF		302.00° (300.17°)	R	-	-	-	-	-	RNAV 1
BL503	TF		32.32° (30.49°)	R	-FL110	-	-	14.87	-	RNAV 1
OPAMO	TF		335.21° (333.38°)	L	-	-	-	71.39	-	RNAV 1
VAGPU	TF		342.17° (340.34°)	R	-	-	-	69.79	-	RNAV 1

SAI 7B

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
-	VA		272.34° (270.50°)	-	-	+3400.00	-	-	-	RNAV 1
BL801	CF		302.00° (300.17°)	R	-	-	-	-	-	RNAV 1
BL503	TF		32.32° (30.49°)	R	-FL110	-	-	14.87	-	RNAV 1

SAI	TF		(14.77°) 12.94°	L	-	-	-	38.37	-	RNAV 1
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LATID 7B

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
-	VA		272.34° (270.50°)	-	-	+3400.00	-	-	-	RNAV 1
BL801	CF		302.00° (300.17°)	R	-	-	-	-	-	RNAV 1
BL503	TF		32.32° (30.49°)	R	-FL110	-	-	14.87	-	RNAV 1
LATID	TF		19.56° (17.73°)	L	-	-	-	59.71	-	RNAV 1

TABULAR DESCRIPTION RNAV 1 STAR RWY09L/09R (VOBL)**TELUV 7E**

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
TELUV	IF		-	-	-	-	-	-	-	RNAV 1
RURPA	TF		206.87° (205.04°)	-	-	-	-	32.92	-	RNAV 1
BL455	TF		206.63° (204.80°)	-	-	+FL120	210.00	23.22	-	RNAV 1
APERU	TF		272.31° (270.48°)	R	-	-	-	6.17	-	RNAV 1
BL454	TF	Y	272.24° (270.41°)	-	-	+7000.00	185.00	12.70	-	RNAV 1

XIVIL 7E

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
XIVIL	IF		-	-	-	-	-	-	-	RNAV 1
BEMSO	TF		267.56° (265.72°)	-	-	-	-	26.56	-	RNAV 1
DOXIT	TF		281.05° (279.22°)	-	-	-	-	15.72	-	RNAV 1
BL455	TF		272.60° (270.77°)	L	-	+FL120	210.00	24.50	-	RNAV 1
APERU	TF		272.31° (270.48°)	-	-	-	-	6.17	-	RNAV 1
BL454	TF	Y	272.24° (270.41°)	-	-	+7000.00	185.00	12.70	-	RNAV 1

LEKAP 7E

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
LEKAP	IF		-	-	-	-	-	-	-	RNAV 1
BL809	TF		296.39° (294.56°)	-	-	-	-	91.27	-	RNAV 1
GURBI	TF		296.32° (294.49°)	-	-	-	-	20.36	-	RNAV 1
BL461	TF		340.19° (338.35°)	R	-	+FL120	210.00	15.46	-	RNAV 1
BL460	TF		271.99° (270.16°)	L	-	-	-	10.39	-	RNAV 1
BL459	TF	Y	272.12° (270.28°)	-	-	+7000.00	185.00	11.06	-	RNAV 1

ADKAL 7E

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
ADKAL	IF		-	-	-	-	-	-	-	RNAV 1
BL810	TF	-	340.20° (338.37°)	-	-	-	-	47.46	-	RNAV 1
GURBI	TF	-	340.17° (338.34°)	-	-	-	-	17.87	-	RNAV 1
BL461	TF	-	340.19° (338.35°)	-	-	+FL120	210.00	15.46	-	RNAV 1
BL460	TF	-	271.99° (270.16°)	L	-	-	-	10.39	-	RNAV 1
BL459	TF	Y	272.12° (270.28°)	-	-	+7000.00	185.00	11.06	-	RNAV 1

UGABA 7E

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
UGABA	IF		-	-	-	-	-	-	-	RNAV 1
MUGPA	TF	-	24.09° (22.25°)	-	-	-	-	28.21	-	RNAV 1
RUBOX	TF	-	24.11° (22.28°)	-	-	-	210.00	20.01	-	RNAV 1
BL460	TF	-	(359.99°) 358.16°	L	-	+FL120	-	12.51	-	RNAV 1
BL459	TF	Y	(272.12°) 270.28°	L	-	+7000.00	185.00	11.06	-	RNAV 1

PEXEG 7E

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
PEXEG	IF		-	-	-	-	-	-	-	RNAV 1
BL807	TF	-	87.10° (85.26°)	-	-FL150	-	-	37.70	-	RNAV 1
ATPUK	TF	-	87.23° (85.40°)	-	-	+FL085	185.00	34.34	-	RNAV 1
-	VM		65.00° (63.17°)	L	-	+7000.00	-	-	-	RNAV 1

GUNIM 7E

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)					ft	ft	kt	NM	°	
GUNIM	IF		-	-	-	-	-	-	-	RNAV 1
OLNUR	TF	-	120.14° (118.31°)	-	-	-	-	38.06	-	RNAV 1
BL806	TF	-	120.28° (118.44°)	-	-FL150		-	40.24	-	RNAV 1
ATPUK	TF	-	120.40° (118.57°)	-	-	+FL085	185.00	36.74	-	RNAV 1
-	VM		65.00° (63.17°)	L	-	+7000.00	-	-	-	RNAV 1

SUSIK 7E

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)					ft	ft	kt	NM	°	
SUSIK	IF		-	-	-	-	-	-	-	RNAV 1
GOMIL	TF	-	104.96° (103.13°)	-	-	-	-	48.58	-	RNAV 1
BL805	TF	-	149.41° (147.58°)	R	-	-	-	14.26	-	RNAV 1
BL704	TF	-	149.45° (147.62°)	-	-FL140	-	-	15.63	-	RNAV 1
RIGBA	TF	-	149.48° (147.65°)	-	-	-	210.00	14.91	-	RNAV 1
BL456	TF	-	160.73° (158.90°)	R	-	-	-	10.68	-	RNAV 1
BL454	TF	Y	179.99° (178.16°)	R	-	+7000.00	185.00	6.32	--	RNAV 1

SUSIK 7J

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)					ft	ft	kt	NM	°	
SUSIK	IF		-	-	-	-	-	-	-	RNAV 1
MAKAM	TF	-	129.79° (127.96°)	-	-	-	-	56.18	-	RNAV 1
BL704	TF	-	96.96° (95.12°)	L	-FL140	-	-	19.13	-	RNAV 1
RIGBA	TF	-	149.48° (147.65°)	R	-	-	210.00	14.91	-	RNAV 1
BL456	TF	-	160.73° (158.90°)	R	-	-	-	10.68	-	RNAV 1
BL454	TF	Y	179.99° (178.16°)	R	-	+7000.00	185.00	6.32	-	RNAV 1

RIKBU 7E

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
RIKBU	IF		-	-	-	-	-	-	-	RNAV 1
GOMIL	TF	-	149.48° (147.65°)	-	-	-	-	67.09	-	RNAV 1
BL805	TF	-	149.41° (147.58°)	-	-	-	-	14.26	-	RNAV 1
BL704	TF	-	149.45° (147.62°)	-	-FL140	-	-	15.63	-	RNAV 1
RIGBA	TF	-	149.48° (147.65°)	-	-	-	210.00	14.91	-	RNAV 1
BL456	TF	-	160.73° (158.90°)	R	-	-	-	10.68	-	RNAV 1
BL454	TF	Y	179.99° (178.16°)	R	-	+7000.00	185.00	6.32	-	RNAV 1

TERMINAL HOLDINGS

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST/ TIME	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM/MIN	°	
TELUV	HM	Y	206.87° (205.04°)	L	FL240	FL150	230.00	1 MIN	-	RNAV 1
RURPA	HM	Y	206.87° (205.04°)	L	FL240	FL120	230.00	1 MIN	-	RNAV 1
DOXIT	HM	Y	272.60° (270.77°)	R	FL240	FL150	230.00	1 MIN	-	RNAV 1
GURBI	HM	Y	340.20° (338.37°)	R	FL240	FL120	230.00	1 MIN	-	RNAV 1
MUGPA	HM	Y	24.09° (22.25°)	R	FL240	FL120	230.00	1 MIN	-	RNAV 1
BL807	HM	Y	87.10° (85.26°)	L	FL240	FL150	230.00	1 MIN	-	RNAV 1
BL805	HM	Y	149.41° (147.58°)	R	FL240	FL150	230.00	1 MIN	-	RNAV 1
RIGBA	HM	Y	149.48° (147.65°)	L	FL240	FL120	230.00	1 MIN	-	RNAV 1

TABULAR DESCRIPTION RNAV 1 STAR RWY27L/27R (VOBL)**TELUV 7F**

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
TELUV	IF		-	-	-	-	-	-	-	RNAV 1
RURPA	TF		206.87° (205.04°)	-	-FL130	-	210.00	32.92	-	RNAV 1
BL551	TF		183.60° (181.76°)	L	-	-	-	12.06	-	RNAV 1
BL552	TF	Y	183.53° (181.70°)	-	-	+7000.00	185.00	9.10	-	RNAV 1

XIVIL 7F

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
XIVIL	IF		-	-		-	-	-	-	RNAV 1
BEMSO	TF		267.56° (265.72°)	-	-	-	-	26.56	-	RNAV 1
DOXIT	TF		281.05° (279.22°)	R	-	+FL085	185.00	15.72	-	RNAV 1
-	VM		245.00° (243.17°)	L	-	+7000.00	-	-	-	RNAV 1

LEKAP 7F

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
LEKAP	IF		-	-	-	-	-	-	-	RNAV 1
BL809	TF		296.39° (294.56°)	-	-	-	-	91.27	-	RNAV 1
GURBI	TF		296.32° (294.49°)	-	-FL090	-	210.00	20.36	-	RNAV 1
BL557	TF		0.02° (358.19°)	R	-	-		14.35	-	RNAV 1
BL558	TF	Y	92.21° (90.38°)	R	-	+7000.00	185.00	7.31	-	RNAV 1

ADKAL 7F

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
ADKAL	IF		-	-	-		-	-	-	RNAV 1
BL810	TF		340.20° (338.37°)	-	-	-	-	47.46	-	RNAV 1
GURBI	TF		340.17° (338.34°)	-	-FL090	-	210.00	17.87	-	RNAV 1
BL557	TF		0.02° (358.19°)	R	-	-	-	14.35	-	RNAV 1
BL558	TF	Y	92.21° (90.38°)	R	-	+7000.00	185.00	7.31	-	RNAV 1

UGABA 7F

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
UGABA	IF		-	-	-	-	-	-	-	RNAV 1
MUGPA	TF		24.09° (22.25°)	-	-	-	-	28.21	-	RNAV 1
RUBOX	TF		24.11° (22.28°)	-	-	-	-	20.01	-	RNAV 1
BL556	TF		24.17° (22.34°)	-	-	+FL120	210.00	13.53	-	RNAV 1
BL557	TF		92.26° (90.42°)	R	-	-	-	10.09	-	RNAV 1
BL558	TF	Y	92.21° (90.38°)	-	-	+7000.00	185.00	7.31	-	RNAV 1

PEXEG 7F

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
PEXEG	IF		-	-	-	-	-	-	-	RNAV 1
BL807	TF		87.10° (85.26°)	-	-	-	-	37.70	-	RNAV 1
ATPUK	TF		87.23° (85.40°)	-	-	+FL150	210.00	34.34	-	RNAV 1
BL556	TF		100.68° (98.85°)	R	-	+FL120	210.00	25.02	-	RNAV 1
BL557	TF		92.26° (90.42°)	L	-	-	-	10.09	-	RNAV 1
BL558	TF	Y	92.21° (90.38°)	-	-	+7000.00	185.00	7.31	-	RNAV 1

PEXEG 7N

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
PEXEG	IF		-	-	-	-	-	-	-	RNAV 1
BL807	TF		87.10° (85.26°)	-	-	-	-	37.70	-	RNAV 1
ATPUK	TF		87.23° (85.40°)	-	-	+FL150	210.00	34.34	-	RNAV 1
DUBEL	TF		68.26° (66.42°)	L	-	+FL120	210.00	20.97	-	RNAV 1
APERU	TF		92.28° (90.45°)	R	-	-	-	4.64	-	RNAV 1
BL552	TF	Y	92.35° (90.52°)	-	-	+7000.00	185.00	15.28	-	RNAV 1

GUNIM 7F

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
GUNIM	IF		-	-	-	-	-	-	-	RNAV 1
OLNUR	TF		120.14° (118.31°)	-	-	-	-	38.06	-	RNAV 1
BL806	TF		120.28° (118.44°)	-	-	-	-	40.24	-	RNAV 1
ATPUK	TF		120.40° (118.57°)	-	-	+FL150	210.00	36.74	-	RNAV 1
BL556	TF		100.68° (98.85°)	L	-	+FL120	210.00	25.02	-	RNAV 1
BL557	TF		92.26° (90.42°)	L	-	-	-	10.09	-	RNAV 1
BL558	TF	Y	92.21° (90.38°)	-	-	+7000.00	185.00	7.31	-	RNAV 1

GUNIM 7N

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
GUNIM	IF		-	-	-	-	-	-	-	RNAV 1
OLNUR	TF		120.14° (118.31°)	-	-	-	-	38.06	-	RNAV 1
BL806	TF		120.28° (118.44°)	-	-	-	-	40.24	-	RNAV 1
ATPUK	TF		120.40° (118.57°)	-	-	+FL150	210.00	36.74	-	RNAV 1
DUBEL	TF		68.26° (66.42°)	L	-	+FL120	210.00	20.97	-	RNAV 1
APERU	TF		92.28° (90.45°)	R	-	-	-	4.64	-	RNAV 1
BL552	TF	Y	92.35° (90.52°)	-	-	+7000.00	185.00	15.28	-	RNAV 1

SUSIK 7F

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
SUSIK	IF		-	-	-	-	-	-	-	RNAV 1
GOMIL	TF		104.96° (103.13°)		-	-	-	48.58	-	RNAV 1
BL805	TF		149.41° (147.58°)	R	-	-	-	14.26	-	RNAV 1
BL704	TF		149.45° (147.62°)	-	-	-	-	15.63	-	RNAV 1
RIGBA	TF		149.48° (147.65°)	-	-	-	-	14.91	-	RNAV 1
DUBEL	TF		145.34° (143.51°)	L	-	+FL120	210.00	20.34	-	RNAV 1
APERU	TF		92.28° (90.45°)	L	-	-	-	4.64	-	RNAV 1
BL552	TF	Y	92.35° (90.52°)	-	-	+7000.00	185.00	15.28	-	RNAV 1

SUSIK 7L

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
			°M(°T)		ft	ft	kt	NM	°	
SUSIK	IF		-	-	-	-	-	-	-	RNAV 1
MAKAM	TF		129.79° (127.96°)	-	-	-	-	56.18	-	RNAV 1
BL704	TF		96.96° (95.12°)	L	-	-	-	19.13	-	RNAV 1
RIGBA	TF		149.48° (147.65°)	R	-	-	-	14.91	-	RNAV 1
DUBEL	TF		145.34° (143.51°)	-	-	+FL120	210.00	20.34	-	RNAV 1
APERU	TF		92.28° (90.45°)	L	-	-	-	4.64	-	RNAV 1
BL552	TF	Y	92.35° (90.52°)	-	-	+7000.00	185.00	15.28	-	RNAV 1

RIKBU 7F

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM	°		
RIKBU	IF		-	-	-	-	-	-	-	RNAV 1
GOMIL	TF	-	149.48° (147.65°)	-	-	-	-	67.09	-	RNAV 1
BL805	TF		149.41° (147.58°)	R	-	-	-	14.26	-	RNAV 1
BL704	TF		149.45° (147.62°)	-	-	-	-	15.63	-	RNAV 1
RIGBA	TF		149.48° (147.65°)	-	-	-	-	14.91	-	RNAV 1
DUBEL	TF		145.34° (143.51°)	L	-	+FL120	210.00	20.34	-	RNAV 1
APERU	TF		92.28° (90.45°)	L	-	-	-	4.64	-	RNAV 1
BL552	TF		92.35° (90.52°)	-	-	+7000.00	185.00	15.28	-	RNAV 1

TERMINAL HOLDINGS

Waypoint Identifier	Path Descriptor	Fly over	Course Angle	Turn Direction	Upper Limit Altitude	Lower Limit Altitude	Speed Limit	TM DST/ TIME	VA	Navigation Specification
°M(°T)				ft	ft	kt	NM/MIN	°		
TELUV	HM	Y	206.87° (205.04°)	L	FL240	FL150	230.00	1 MIN	-	RNAV 1
RURPA	HM	Y	183.60° (181.76°)	L	FL240	FL120	230.00	1 MIN	-	RNAV 1
DOXIT	HM	Y	281.05° (279.22°)	R	FL240	FL120	230.00	1 MIN	-	RNAV 1
GURBI	HM	Y	340.20° (338.37°)	R	FL240	FL120	230.00	1 MIN	-	RNAV 1
MUGPA	HM	Y	24.09° (22.25°)	R	FL240	FL120	230.00	1 MIN	-	RNAV 1
BL807	HM	Y	87.10° (85.26°)	L	FL240	FL150	230.00	1 MIN	-	RNAV 1
BL805	HM	Y	149.41° (147.58°)	R	FL240	FL150	230.00	1 MIN	-	RNAV 1
RIGBA	HM	Y	149.48° (147.65°)	L	FL240	FL120	230.00	1 MIN	-	RNAV 1
ATPUK	HM	Y	87.23° (85.40°)	L	FL240	FL150	230.00	1 MIN	-	RNAV 1

TABULAR DESCRIPTION RNP RWY 09L

Serial No.	Fly - Over	Waypoint Identifier	Path Designator	Course °M(°T)	Turn Direction	Lower Limit Altitude	Speed Limit	Distance/Time	VPA/TCH	Navigation Specification	
										ft	kt
ft	kt	NM/MIN	°/FT								
10		ATPUK	IF	-	-	+FL085	-185.00	-	-	RNP APCH	
20	-	BL905	TF	67.47(65.64)	-	+7000.00	-	5.68	-	RNP APCH	
30	-	BL109	TF	92.26(90.43)	-	+6000.00	-	5.94	-	RNP APCH	
10		BL458	IF	-	-	+7000.00	-185.00	-	-	RNP APCH	
20	-	BL905	TF	2.26(0.43)	-	+7000.00	-	6.11	-	RNP APCH	
30	-	BL109	TF	92.26(90.43)	-	+6000.00	-	5.94	-	RNP APCH	
10		BL453	IF	-	-	+7000.00	-185.00	-	-	RNP APCH	
20	-	BL941	TF	181.70 (179.87)	-	+6000.00	-	4.45	-	RNP APCH	
30	-	BL109	TF	122.27 (120.44)	-	+6000.00	-	3.45	-	RNP APCH	
10		BL459	IF	-	-	+7000.00	-185.00	-	-	RNP APCH	
20	-	BL942	TF	2.08(0.25)	-	+7000.00	-	4.40	-	RNP APCH	
30	-	BL109	TF	62.27(60.44)	-	+6000.00	--	3.41	-	RNP APCH	
10		BL454	IF	-	-	+7000.00	-185.00	-	-	RNP APCH	
20	-	BL109	TF	182.28(180.45)	-	+6000.00		6.17	-	RNP APCH	
10		BL109	IF	-	-	+6000.00	-185.00	-	-	RNP APCH	
20	-	BL961	TF	92.28(90.45)	-	@6000.00	-	4.12	-	RNP APCH	
30	Y	RW09L	TF	92.30 (90.47)	-	@3059.00	-	9.23	-3.00/57	RNP APCH	
40	-		VA	92.34 (90.50)	-	+3700.00	-210.00	-	-	RNP APCH	
50	-	BL912	DF	-	L	-	-210.00	-	-	RNP APCH	
60	-	BL454	TF	272.39 (270.56)	L	+7000.00	-210.00	17.97	-	RNP APCH	
70	Y	BL454	HM	182.28(180.45)	R	+7000.00	-230.00	1 MIN	-	RNP APCH	

WAYPOINT INFORMATION RNP RWY 09L:

Waypoint Identifier	Coordinates
ATPUK	N 13:10:14.15E 77:16:05.08
BL905	N 13:12:35.21E 77:21:23.17
BL109	N 13:12:32.48E 77:27:28.44
BL458	N 13:06:26.86E 77:21:20.37
BL453	N 13:18:45.77E 77:24:24.87
BL941	N 13:14:17.81E 77:24:25.51
BL459	N 13:06:25.91E 77:24:24.82
BL942	N 13:10:51.11E 77:24:26.01
BL912	N 13:18:34.19E 77:45:57.27
BL454	N 13:18:44.05E 77:27:31.40
BL961	N 13:12:30.49E 77:31:41.98
RW09L	N 13:12:25.79E 77:41:09.86

TABULAR DESCRIPTION
RNP Y RWY 09R - VOBL

Serial No.	Path Descriptor	Waypoint Identifier	Fly Over	Course 0M(0T)	Turn Direction	Upper Limit Altitude (FT)	Lower Limit Altitude (FT)	Speed Limit (KT)	TM DST/Time (NM/MIN)	VA/ TCH (°/FT)	Navigation Specification
10	IF	ATPUK		-	-	-	FL085	185.00	-	-	RNP APCH
20	TF	BL918		77.73° (75.90°)	-	-	+7000.00	185.00	5.32	-	RNP APCH
30	TF	BL117		92.26° (90.43°)	R	-	+5000.00	-	5.94	-	
10	IF	BL454		-	-	-	+7000.00	185.00	-	-	RNP APCH
20	TF	BL117		182.28° (180.44°)	L	-	+5000.00	-	7.21	-	RNP APCH
10	IF	BL458		-	-	-	+7000.00	185.00	-	-	RNP APCH
20	TF	BL918		2.26° (0.43°)	R	-	+7000.00	185.00	5.07	-	RNP APCH
30	TF	BL117		92.26° (90.43°)	R	-	+5000.00	-	5.94	-	
10	IF	BL117		-	-	-	+5000.00	185.00	-	-	RNP APCH
20	TF	BL116		92.31° (90.47°)	-	-	@5000.00	-	7.39	-	RNP APCH
30	TF	RW09R	Y	92.33° (90.50°)	-	-	@3025.00	-	6.20	3.00/52	RNP APCH
40	VA	-		92.33° (90.50°)	-	-	+3700.00	210.00	-	-	RNP APCH
50	DF	BL912		-	L	-	-	210.00	-	-	RNP APCH
60	TF	BL454		272.32° (270.49°)	L	-	-	210.00	17.97	-	RNP APCH
70	HM	BL454	Y	182.28° (180.44°)	R	-	+7000.00	-	1 MIN	-	RNP APCH

WAY POINT INFORMATION
RNP Y RWY 09R - VOBL

Waypoint Identifier	Latitude/Longitude (WGS84) (DD:MM:SS.SS)
BL117	N 13:11:29.77 E 77:27:27.96
BL116	N 13:11:26.21 E 77:35:02.59
RW09R	N 13:11:23.04 E 77:41:23.92
BL912	N 13:18:34.19 E 77:45:57.27
BL454	N 13:18:44.05 E 77:27:31.40
ATPUK	N 13:10:14.15 E 77:16:05.08
BL918	N 13:11:32.38 E 77:21:22.69
BL458	N 13:06:26.86 E 77:21:20.37

TABULAR DESCRIPTION
RNP Y RWY 27L - VOBL

Serial No.	Path Descriptor	Waypoint Identifier	Fly Over	Course 0M(0T)	Turn Direction	Upper Limit Altitude (FT)	Lower Limit Altitude (FT)	Speed Limit (KT)	TM DST (NM)	VA/ TCH (°/FT)	Navigation Specification
10	IF	BL552		-	-	-FL080	+6000.00	-	185.00	-	RNP APCH
20	TF	BL923	-	182.39° (180.56°)	-	-	+5000.00	-	7.22	-	RNP APCH
10	IF	BL558		-	-	-FL090	+7000.00	-	185.00	-	RNP APCH
20	TF	BL920	-	1.85° (0.02°)	-	-	+7000.00	185.00	4.93	-	RNP APCH
30	TF	BL923	-	272.39° (270.56°)	-	-	+5000.00	-	3.04	-	RNP APCH
10	IF	DOXIT		-	-	-FL120	+FL085	-	185.00	-	RNP APCH
20	TF	BL920	-	242.47° (240.64°)	-	-	+7000.00	185.00	14.25	-	RNP APCH
30	TF	BL923	-	272.39° (270.56°)	-	-	+5000.00	-	3.04	-	RNP APCH
10	IF	BL923		-	-	-	+5000.00	-	185.00	-	RNP APCH
20	TF	BL921	-	272.37° (270.53°)	-	-	@5000.00	-	6.00	-	RNP APCH
30	TF	RW27L	Y	272.34° (270.51°)	-	-	@3017	-	6.23	-3.00/53	RNP APCH
40	CF	BL901	-	272.34° (270.51°)	-	-	-	210.00	16.32	-	RNP APCH
50	TF	BL902	-	2.28° (0.44°)	R	-	-	210.00	7.22	-	RNP APCH
60	TF	BL552	-	92.39° (90.56°)	R	-	+6000.00	210.00	28.55	-	RNP APCH
70	HM	BL552	Y	182.39° (180.56°)	R	-	+6000.00	-	1 MIN	-	RNP APCH

WAY POINT INFORMATION
RNP Y RWY 27L - VOBL

WPT	Latitude/Longitude (WGS84) (Minimum resolution - DD:MM:SS.SS)
BL923	N 13:11:15.05 E 77:56:08.72
BL921	N 13:11:18.50 E 77:49:59.59
RW27L	N 13:11:21.89 E 77:43:36.74
BL552	N 13:18:30.32 E 77:56:13.05
BL558	N 13:06:16.35 E 77:59:15.54
BL920	N 13:11:13.25 E 77:59:15.63
BL901	N 13:11:30.05 E 77:26:52.84
BL902	N 13:18:45.42 E 77:26:56.28
DOXIT	N 13:18:13.96 E 78:11:59.69

TABULAR DESCRIPTION RNP RWY 27R-VOBL

Serial Number	Fly Over	Waypoint Identifier	Path Descriptor	Course °M(°T)	Turn Direction	Lower Limit Altitude	Speed Limit	Distance/Time		VPA/TCH	Navigation Specification
								ft	kt	NM/MIN	
10		DOXIT	IF	-	-	+FL085	-185.00	-	-	-	RNP APCH
20	-	BL954	TF	247.45°(245.62)	-	+6000.00	-185.00	10.30	-	-	RNP APCH
30	-	BL963	TF	242.43(240.60)	-	+6000.00	-185.00	3.44	-	-	RNP APCH
40	-	BL953	TF	272.40(270.56)	-	+6000.00	-185.00	3.04	-	-	RNP APCH
10		BL553	IF	-	-	+6000.00	-185.00	-	-	-	RNP APCH
20	-	BL951	TF	181.71(179.88)	-	+6000.00	-185.00	4.44	-	-	RNP APCH
30	-	BL953	TF	242.40(240.56)	-	+6000.00	-185.00	3.49	-	-	RNP APCH
10		BL558	IF	-	-	+7000.00	-185.00	-	-	-	RNP APCH
20	-	BL952	TF	2.25(0.42)	-	+7000.00	-185.00	4.21	-	-	RNP APCH
30	-	BL953	TF	302.40(300.56)	-	+6000.00	-185.00	3.51	-	-	RNP APCH
10		BL559	IF	-	-	+7000.00	-185.00	-	-	-	RNP APCH
20	-	BL955	TF	2.30(0.47)	-	+7000.00	-185.00	4.23	-	-	RNP APCH
30	-	BL963	TF	302.43(300.59)	-	+6000.00	-185.00	3.47	-	-	RNP APCH
40	-	BL953	TF	272.40(270.56)	-	+6000.00	-185.00	3.04	-	-	RNP APCH
10		BL554	IF	-	-	+6000.00	-185.00	-	-	-	RNP APCH
20	-	BL954	TF	181.72(179.89)	-	+6000.00	-185.00	4.47	-	-	RNP APCH
30	-	BL963	TF	242.43(240.60)	-	+6000.00	-185.00	3.44	-	-	RNP APCH
40	-	BL953	TF	272.40(270.56)	-	+6000.00	-185.00	3.04	-	-	RNP APCH
10		BL953	IF	-	-	+6000.00	-185.00	-	-	-	RNP APCH
20	-	BL962	TF	272.39(270.55)	-	@6000.00	-	3.00	-	-	RNP APCH
30	Y	RW27R	TF	272.38(270.55)	-	@2976.00	-	9.50	-3.00/57	-	RNP APCH
40			VA	272.34(270.51)	-	+3500.00	-210.00	-	-	-	RNP APCH
50	-	APERU	DF	-	R	-	-210.00	-	-	-	RNP APCH
60	-	BL553	TF	92.29(90.46)	R	-	-210.00	18.28	-	-	RNP APCH
70	Y	BL553	HM	181.71(179.88)	R	+6000.00	-	1 MIN	-	-	

WAYPOINT INFORMATION RNP RWY 27R-VOBL

Waypoint Identifier	Coordinates (Minimum resolution - DD:MM:SS.SS)
DOXIT	N 13:18:13.96E 78:11:59.69
BL954	N 13:13:57.63E 78:02:22.79
BL963	N 13:12:15.84E 77:59:18.48
BL953	N 13:12:17.63E 77:56:11.35
BL553	N 13:18:28.65E 77:59:17.65
BL951	N 13:14:00.97E 77:59:18.24

BL558	N 13:06:16.35E 77:59:15.54
BL952	N 13:10:29.99E 77:59:17.42
BL559	N 13:06:14.65E 78:02:19.98
BL955	N 13:10:29.47E 78:02:22.12
BL554	N 13:18:27.13E 78:02:22.25
APERU	N 13:18:38.22E 77:40:32.72
BL962	N 13:12:19.36E 77:53:06.71
RW27R	N 13:12:24.65E 77:43:22.69