



Designator		Route					Remarks			
BALAD 3 K Balad three kilo transition		BALAD - WW669 - WW665 - WW663 - WW661 - WW659 - WW657 - WW655 - WW653 - WW652 - WW651								
RNAV Transition Coding Table of BALAD 3 K										
Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
IF	BALAD	no	N474600.21 E0161402.56				A8000+		RNAV 1	
TF	WW669	no	N475546.40 E0162639.74	036° (040.9°)	13.0		A5000+		RNAV 1	
TF	WW665	no	N480109.57 E0163035.57	021° (026.1°)	6.0	left	A5000+		RNAV 1	
TF	WW663	no	N480442.08 E0162143.48	296° (300.8°)	6.9	left	A5000+		RNAV 1	
TF	WW661	no	N480715.12 E0161518.46	296° (300.7°)	5.0		A5000+		RNAV 1	
TF	WW659	no	N480925.86 E0160835.23	291° (295.9°)	5.0	left	A5000+		RNAV 1	
TF	WW657	no	N481136.21 E0160151.44	291° (295.8°)	5.0		A5000+		RNAV 1	
TF	WW655	no	N481346.17 E0155507.08	291° (295.7°)	5.0		A5000+		RNAV 1	
TF	WW653	no	N481816.47 E0155821.58	021° (025.6°)	5.0	right	A5000+		RNAV 1	
TF	WW652	no	N481606.33 E0160506.38	111° (115.7°)	5.0	right	A5000+		RNAV 1	
TF	WW651	no	N481401.04 E0161125.92	111° (116.3°)	4.7		A5000+		RNAV 1	

Designator	Route						Remarks			
MABOD 4 K Mabod four kilo transition	MABOD - WW664 - WW658 - WW656 - WW654 - WW653 - WW652 - WW651									
RNAV Transition Coding Table of MABOD 4 K										
Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
IF	MABOD	no	N483428.41 E0164124.35				A6000+		RNAV 1	
TF	WW664	no	N481906.20 E0162621.72	208° (213.2°)	18.4		A5000+		RNAV 1	
TF	WW658	no	N481825.63 E0161506.57	260° (264.9°)	7.5	right	A5000+		RNAV 1	
TF	WW656	no	N482036.35 E0160821.89	291° (295.9°)	5.0	right	A5000+		RNAV 1	
TF	WW654	no	N482246.68 E0160136.63	291° (295.8°)	5.0		A5000+		RNAV 1	
TF	WW653	no	N481816.47 E0155821.58	201° (205.7°)	5.0	left	A5000+		RNAV 1	
TF	WW652	no	N481606.33 E0160506.38	111° (115.7°)	5.0	left	A5000+		RNAV 1	
TF	WW651	no	N481401.04 E0161125.92	111° (116.3°)	4.7		A5000+		RNAV 1	

Designator		Route					Remarks			
NERDU 4 K Nerdu four kilo transition		NERDU - WW666 - WW664 - WW658 - WW656 - WW654 - WW653 - WW652 - WW651								
RNAV Transition Coding Table of NERDU 4 K										
Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
IF	NERDU	no	N482853.39 E0160557.34				A6000+		RNAV 1	
TF	WW666	no	N482421.00 E0162416.00	105° (110.3°)	13.0		A5000+		RNAV 1	
TF	WW664	no	N481906.20 E0162621.72	160° (165.1°)	5.4	right	A5000+		RNAV 1	
TF	WW658	no	N481825.63 E0161506.57	260° (264.9°)	7.5	right	A5000+		RNAV 1	
TF	WW656	no	N482036.35 E0160821.89	291° (295.9°)	5.0	right	A5000+		RNAV 1	
TF	WW654	no	N482246.68 E0160136.63	291° (295.8°)	5.0		A5000+		RNAV 1	
TF	WW653	no	N481816.47 E0155821.58	201° (205.7°)	5.0	left	A5000+		RNAV 1	
TF	WW652	no	N481606.33 E0160506.38	111° (115.7°)	5.0	left	A5000+		RNAV 1	
TF	WW651	no	N481401.04 E0161125.92	111° (116.3°)	4.7		A5000+		RNAV 1	

Designator		Route					Remarks			
PESAT 4 K Pesat four kilo transition		PESAT - WW697 - WW665 - WW663 - WW661 - WW659 - WW657 - WW655 - WW653 - WW652 - WW651								
RNAV Transition Coding Table of PESAT 4 K										
Path Terminator	Waypoint			Course/ Track ° MAG (° True)	DIST NM	Turn Direction	Constraints		Navigation Specification	Remarks
	Identifier	Flyover	Coordinates				Level	Speed		
IF	PESAT	no	N474253.75 E0170311.37				A6000+		RNAV 1	
TF	WW697	no	N475430.00 E0163959.00	302° (306.7°)	19.5		A5000+		RNAV 1	
TF	WW665	no	N480109.57 E0163035.57	312° (316.6°)	9.2	right	A5000+		RNAV 1	
TF	WW663	no	N480442.08 E0162143.48	296° (300.8°)	6.9	left	A5000+		RNAV 1	
TF	WW661	no	N480715.12 E0161518.46	296° (300.7°)	5.0		A5000+		RNAV 1	
TF	WW659	no	N480925.86 E0160835.23	291° (295.9°)	5.0	left	A5000+		RNAV 1	
TF	WW657	no	N481136.21 E0160151.44	291° (295.8°)	5.0		A5000+		RNAV 1	
TF	WW655	no	N481346.17 E0155507.08	291° (295.7°)	5.0		A5000+		RNAV 1	
TF	WW653	no	N481816.47 E0155821.58	021° (025.6°)	5.0	right	A5000+		RNAV 1	
TF	WW652	no	N481606.33 E0160506.38	111° (115.7°)	5.0	right	A5000+		RNAV 1	
TF	WW651	no	N481401.04 E0161125.92	111° (116.3°)	4.7		A5000+		RNAV 1	

RNAV Holding								
Holding Point	Inbound Track ° True	Inbound Track ° MAG	Turn Direction	MAX IAS	Minimum Holding Altitude FT MSL / FL	Time	DIST NM	Remarks
BALAD	038.6°	034°	right		A8000	1 MIN		
MABOD	167.7°	163°	right		A6000	1 MIN		
NERDU	107.6°	103°	right		A6000	1 MIN		
PESAT	273.9°	269°	left		A6000	1 MIN		