

**STANDARD DEPARTURE CHART -
INSTRUMENT (SID) - ICAO**

PHRAE / Phrae (VTCP)

RNAV RWY19

AIZAK1A IDKOR1A OTBAD1A SUNGO1A

TABULAR DESCRIPTION

RNAV RWY19											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/TCH	Navigation Specification
AIZAK1A TO W40											
010	-	DER RWY19	-	-	+1.2	-	-	-	-	-	RNP 1
020	CA	-	-	200° (199.1°)	+1.2	-	-	+2000	-200	-	RNP 1
030	DF	CP922	-	-	+1.2	-	L	-5000	-	-	RNP 1
040	TF	AIZAK	-	097° (095.5°)	+1.2	11.7	-	-8000	-	-	RNP 1
IDKOR1A TO W22											
010	-	DER RWY19	-	-	+1.2	-	-	-	-	-	RNP 1
020	CA	-	-	200° (199.1°)	+1.2	-	-	+2000	-200	-	RNP 1
030	DF	CP922	-	-	+1.2	-	L	-5000	-	-	RNP 1
040	TF	IDKOR	-	167° (165.8°)	+1.2	16.5	-	-	-	-	RNP 1
OTBAD1A TO W15											
010	-	DER RWY19	-	-	+1.2	-	-	-	-	-	RNP 1
020	CA	-	-	200° (199.1°)	+1.2	-	-	+2000	-200	-	RNP 1
030	DF	CP921	-	-	+1.2	-	R	+4500	-	-	RNP 1
040	TF	OTBAD	-	338° (336.4°)	+1.2	12.1	-	-7000	-	-	RNP 1
SUNGO1A TO R202/W25											
010	-	DER RWY19	-	-	+1.2	-	-	-	-	-	RNP 1
020	CA	-	-	200° (199.1°)	+1.2	-	-	+2000	-200	-	RNP 1
030	DF	CP922	-	-	+1.2	-	L	-5000	-	-	RNP 1
040	TF	AIZAK	-	097° (095.5°)	+1.2	11.7	-	-8000	-	-	RNP 1
050	TF	CP923	-	007° (005.6°)	+1.2	7.0	-	-9000	-	-	RNP 1
060	TF	CP924	-	007° (005.6°)	+1.2	11.0	-	+11000	-	-	RNP 1
070	TF	SUNGO	-	007° (005.6°)	+1.2	12.2	-	-	-	-	RNP 1

WAYPOINT LIST

RNAV RWY19					
Waypoint Identifier		Coordinates		Waypoint Identifier	
DER RWY19		18° 07' 31.51" N	100° 09' 50.38" E	CP924	
AIZAK		17° 53' 02.46" N	100° 20' 40.03" E	IDKOR	
CP921		18° 04' 08.50" N	100° 01' 27.10" E	OTBAD	
CP922		17° 54' 10.60" N	100° 08' 29.19" E	SUNGO	
CP923		18° 00' 02.11" N	100° 21' 23.02" E		