



STANDARD ARRIVAL CHART - INSTRUMENT (STAR RNAV GNSS) - ICAO

NIAMEY (DRRN) RWY 09R

TABULAR DESCRIPTION

STAR RNAV RWY 09R

Procedure Identification	Path Terminator	Waypoint Identifier	Course °M (°T)	Distance (NM)	Altitude (FL or AMSL ft)	MAX IAS (Kt)	Navigation Specification
LIGIS 1P							
	IF	LIGIS			+FL140		RNP 1
	TF	RN701	279 (278.3)	30.4	+FL040		RNP 1
	TF	POXAS	268 (267.3)	5.0	+2500	230	RNP APCH
KOKAS 1P							
	IF	KOKAS			+FL130		RNP 1
	TF	POXAS	259 (257.7)	32.6	+2500	230	RNP APCH
IRADI 1P							
	IF	IRADI			+FL120		RNP 1
	TF	POXAS	248 (246.6)	30.4	+2500	230	RNP APCH
GUMAT 1P							
	IF	GUMAT			+FL110		RNP 1
	TF	POXAS	230 (228.6)	26.5	+2500	230	RNP APCH
DEPAM 1P							
	IF	DEPAM			+FL100		RNP 1
	TF	POXAS	210 (209.0)	22.3	+2500	230	RNP APCH
VOXIL 1R							
	IF	VOXIL			+FL090		RNP 1
	TF	RITAT	170 (169.0)	21.6	+2500	230	RNP APCH
ULGAS 1R							
	IF	ULGAS			+FL080		RNP 1
	TF	RITAT	114 (113.0)	15.7	+2500	230	RNP APCH
TUPIS 1R							
	IF	TUPIS			+FL070		RNP 1
	TF	RITAT	085 (084.5)	15.1	+2500	230	RNP APCH
ETROT 1R							
	IF	ETROT			+FL080		RNP 1
	TF	RITAT	063 (062.2)	15.7	+2500	230	RNP APCH
SORKA 1R							
	IF	SORKA			+FL080		RNP 1
	TF	RITAT	011 (010.5)	20.8	+2500	230	RNP APCH
NEBDO 1B							
	IF	NEBDO			+FL090		RNP 1
	TF	BISIK	347 (346.3)	18.5	+2500	230	RNP APCH
OVREN 1B							
	IF	OVREN			+FL100		RNP 1
	TF	BISIK	327 (326.1)	22.2	+2500	230	RNP APCH
PIVDO 1B							
	IF	PIVDO			+FL100		RNP 1
	TF	BISIK	319 (318.5)	23.7	+2500	230	RNP APCH
RILOS 1B							
	IF	RILOS			+FL130		RNP 1
	TF	BISIK	284 (283.4)	31.4	+2500	230	RNP APCH
MOVAG 1B							
	IF	MOVAG			+FL130		RNP 1
	TF	BISIK	267 (266.0)	34.4	+2500	230	RNP APCH

WAYPOINT LIST		
Waypoint Identifier	Coordinates	
KOKAS	13°41'28.200"N	002°32'26.500"E
IRADI	13°46'35.800"N	002°28'26.800"E
GUMAT	13°52'03.000"N	002°20'10.000"E
DEPAM	13°54'00.000"N	002°10'52.900"E
VOXIL	13°49'42.000"N	001°55'50.400"E
ULGAS	13°34'36.200"N	001°45'13.800"E
LIGIS	13°30'17.800"N	002°35'50.500"E

WAYPOINT LIST		
Waypoint Identifier	Coordinates	
TUPIS	13°26'58.000"N	001°44'38.500"E
ETROT	13°21'05.200"N	001°45'50.600"E
SORKA	13°07'52.300"N	001°56'12.400"E
NEBDO	13°04'20.700"N	002°04'51.600"E
OVREN	13°03'56.600"N	002°13'03.800"E
PIVDO	13°04'33.500"N	002°16'31.200"E

WAYPOINT LIST		
Waypoint Identifier	Coordinates	
RILOS	13°15'07.200"N	002°31'39.600"E
MOVAG	13°24'53.000"N	002°35'32.700"E
RN701	13°34'40.834"N	002°04'54.812"E
POXAS	13°34'26.693"N	001°59'47.138"E
RITAT	13°28'25.600"N	002°00'04.900"E
BISIK	13°22'24.405"N	002°00'22.539"E