



STANDARD ARRIVAL CHART - INSTRUMENT (STAR)-ICAO
DATABASE SPECIFICATIONS

MAHAJANGA / Philibert TSIRANANA (FMNM) RWY 32

Procedure Identification	Path Terminator	Waypoint Identifier	Course °M (°T)	Distance (NM)	Altitude (FL or AMSL ft)	MAX IAS (Kt)	Navigation Specification
NAKUS 1K							
	IF	NAKUS			+2600		RNP 1
	TF	KEDOT	197 (186.8)	24.4	+2600	230	RNP 1
AGSES 1K							
	IF	AGSES			+2600		RNP 1
	TF	KEDOT	223 (212.0)	18.6	+2600	230	RNP 1
SEMAG 1K							
	IF	SEMAG			+2600		RNP 1
	TF	KEDOT	229 (218.6)	17.4	+2600	230	RNP 1
TANAT 1B							
	IF	TANAT			+2600		RNP 1
	TF	BOROM	319 (308.8)	12.8	+2600	230	RNP 1
UBARA 1B							
	IF	UBARA			+2600		RNP 1
	TF	BOROM	020 (009.8)	16.3	+2600	230	RNP 1
MEKIT 1G							
	IF	MEKIT			+2600		RNP 1
	TF	GEPIS	086 (075.6)	24.0	+2600	230	RNP 1
IKSOT 1K							
	IF	IKSOT			+2600		RNP 1
	TF	KEDOT	141 (130.7)	36.9	+2600	230	RNP 1
DEGEL 1K							
	IF	DEGEL			+2600		RNP 1
	TF	KEDOT	153 (142.5)	35.0	+2600	230	RNP 1
SABRO 1K							
	IF	SABRO			+2600		RNP 1
	TF	KEDOT	164 (153.7)	32.7	+2600	230	RNP 1

WAYPOINT LIST		
Waypoint Identifier	Coordinates	
NAKUS	15°20'08.4000"S	046°36'54.7000"E
AGSES	15°28'36.8000"S	046°44'09.0000"E
SEMAG	15°30'48.1000"S	046°45'10.1000"E
TANAT	15°56'14.7000"S	046°40'49.8000"E
UBARA	16°04'17.7000"S	046°27'34.6000"E
MEKIT	15°57'55.0000"S	046°02'54.4000"E
IKSOT	15°20'20.7000"S	046°04'57.0000"E
DEGEL	15°16'33.1000"S	046°11'48.1000"E
SABRO	15°14'58.6000"S	046°18'54.3000"E
KEDOT	15°44'26.2000"S	046°33'55.8000"E
BOROM	15°48'10.5000"S	046°30'28.1000"E
GEPIS	15°51'54.6000"S	046°27'00.2000"E