



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

**MAHAJANGA / Philibert TSIRANANA (FMNM) RWY 14**

Procedure Identification	Path Terminator	Waypoint Identifier	Course °M (°T)	Distance (NM)	Altitude (FL or AMSL ft)	MAX IAS (Kt)	Navigation Specification
<b>NAKUS 1D</b>							
	IF	NAKUS			+2600		RNP 1
	TF	DUGLO	264 (252.9)	23.3	+2600	230	RNP 1
<b>AGSES 1D</b>							
	IF	AGSES				230	RNP 1
	TF	DUGLO	284 (273.1)	29.3	+2600	230	RNP 1
<b>SEMAG 1D</b>							
	IF	SEMAG			+2600	230	RNP 1
	TF	DUGLO	288 (277.1)	30.4	+2600	230	RNP 1
<b>TANAT 1D</b>							
	IF	TANAT			+2600	230	RNP 1
	TF	DUGLO	329 (318.2)	39.0	+2600	230	RNP 1
<b>UBARA 1A</b>							
	IF	UBARA			+2600		RNP 1
	TF	ANTAN	337 (326.2)	35.8	+2600	230	RNP 1
<b>MEKIT 1A</b>							
	IF	MEKIT			+2600		RNP 1
	TF	ANTAN	020 (009.5)	23.7	+2600	230	RNP 1
<b>IKSOT 1P</b>							
	IF	IKSOT			+2600		RNP 1
	TF	PAZON	163 (152.9)	11.6	+2600	230	RNP 1
<b>DEGEL 1P</b>							
	IF	DEGEL			+2600		RNP 1
	TF	PAZON	196 (185.4)	14.2	+2600	230	RNP 1
<b>SABRO 1P</b>							
	IF	SABRO			+2600		RNP 1
	TF	PAZON	218 (207.6)	17.7	+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
ANTAN	15°34'27.0000"S	046°06'57.7000"E
PAZON	15°30'43.2000"S	046°10'25.7000"E
DUGLO	15°26'59.2000"S	046°13'53.5000"E