

STANDARD ARRIVAL CHART -
INSTRUMENT (STAR)
RNAV1 (GNSS)
DME/DME NOT APPROVED

TRANSITION ALTITUDE
19 000 ft AMSL

APP 119.4
TWR 118.1
GND 121.9
ATIS 127.65

MANAGUA /
AUGUSTO C. SANDINO INTL
RWY10
RAKEL1A, KAVLO1A, LORMA1A

RAKEL1A

Designator	Path Descriptor	Waypoint Identifier	Latitude	Longitude	Flyover	Course °M (°T)	Turn Direction	Altitude (ft)	Distance (Nm)	Speed Limit (Kt)	Magnetic Variation	Navigation Specification
RAKEL1A	IF	RAKEL	130356N	0854728W	-	-	-	19000		250	1°14' W	RNAV1
RAKEL1A	TF	HUMOL	121747.8968N	0862100.3471W	-	216 (215.2)	L	- 6 000	56.7	250	0°47' W	RNAV1
RAKEL1A	TF	MANUA	120948.8019N	0862155.6831W	-	187 (186.3)	-	@3 000	8.0	250	-	RNAV1

KAVLO1A

Designator	Path Descriptor	Waypoint Identifier	Latitude	Longitude	Flyover	Course °M (°T)	Turn Direction	Altitude (ft)	Distance (Nm)	Speed Limit (Kt)	Magnetic Variation	Navigation Specification
KAVLO1A	IF	KAVLO	124259N	0844312W	-	-	-	19000	-	250	1°26' W	RNAV1
KAVLO1A	TF	HUMOL	121747.8968N	0862100.3471W	-	248 (246.9)	L	- 6 000	39.7	250	0°47' W	RNAV1
KAVLO1A	TF	MANUA	120948.8019N	0862155.6831W	-	187 (186.3)	-	@3 000	8.0	250	-	RNAV1

LORMA1A

Designator	Path Descriptor	Waypoint Identifier	Latitude	Longitude	Flyover	Course °M (°T)	Turn Direction	Altitude (ft)	Distance (Nm)	Speed Limit (Kt)	Magnetic Variation	Navigation Specification
LORMA1A	IF	LORMA	120318N	0845100W	-	-	-	-	17.9	-	1°37' W	RNAV1
LORMA1A	TF	LOVAG	121008.2569N	0850912.8477W	-	292 (290.4)	L	19000	70.7	-	1°26' W	RNAV1
LORMA1A	TF	HUMOL	121747.8968N	0862100.3471W	-	277 (275.9)	L	- 6 000	39.7	250	0°47' W	RNAV1
LORMA1A	TF	MANUA	120948.8019N	0862155.6831W	-	187 (186.3)	-	@3 000	5.0	250	-	RNAV1