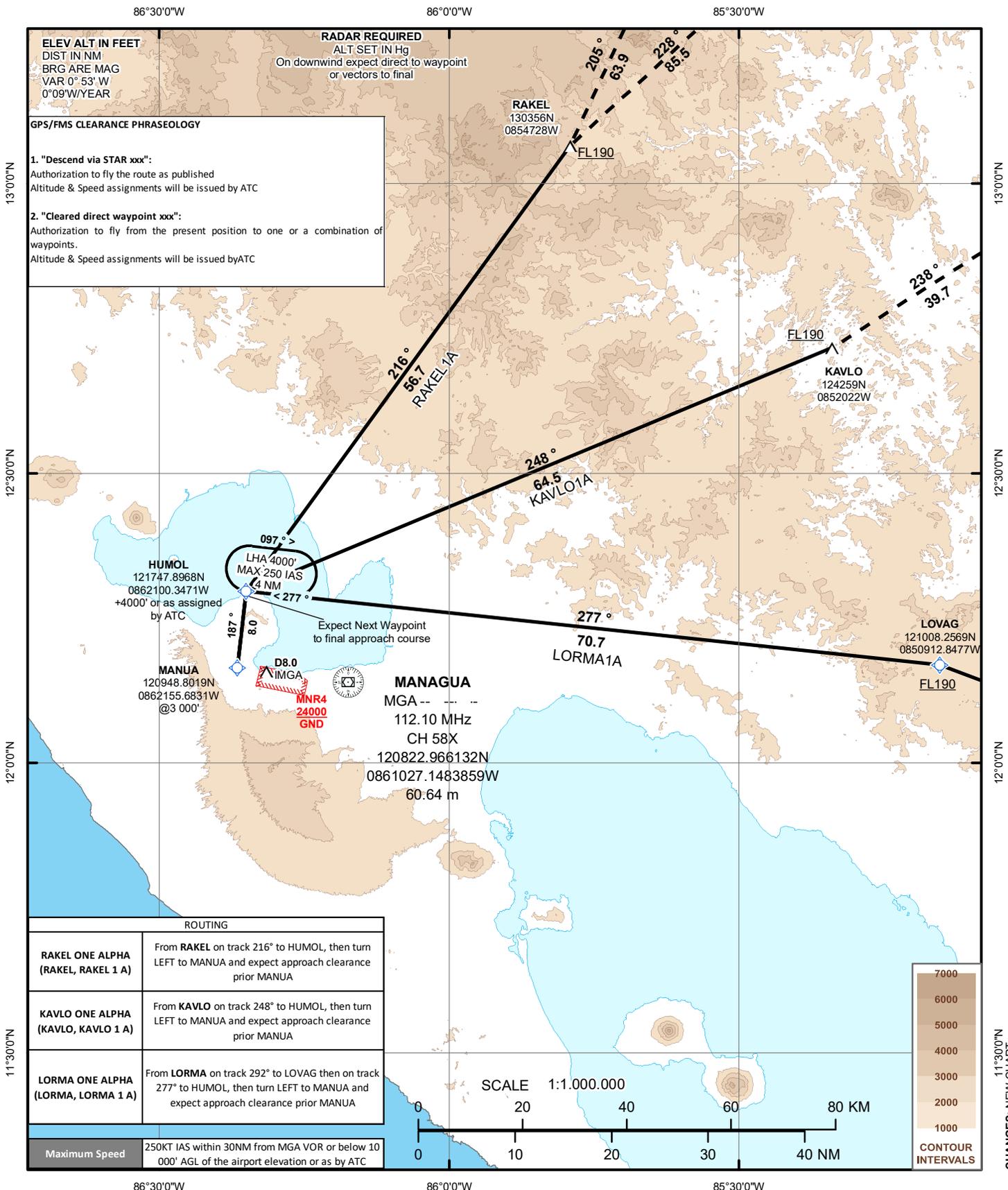


STANDARD ARRIVAL CHART -
INSTRUMENT (STAR)
RNAV1 (GNSS)
DME/DME NOT APPROVED

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



ELEV ALT IN FEET
DIST IN NM
BRG ARE MAG
VAR 0° 53' W
0°09'/YEAR

RADAR REQUIRED
ALT SET IN Hg
On downwind expect direct to waypoint
or vectors to final

GPS/FMS CLEARANCE PHRASEOLOGY

1. "Descend via STAR xxx":
Authorization to fly the route as published
Altitude & Speed assignments will be issued by ATC

2. "Cleared direct waypoint xxx":
Authorization to fly from the present position to one or a combination of
waypoints.
Altitude & Speed assignments will be issued by ATC

HUMOL
121747.8968N
0862100.3471W
+4000' or as assigned
by ATC

MANUA
120948.8019N
0862155.6831W
@3 000'

MANAGUA
MGA ---
112.10 MHz
CH 58X
120822.966132N
0861027.1483859W
60.64 m

RAKEL
130356N
0854728W

KAVLO
124259N
0852022W

LOVAG
121008.2569N
0850912.8477W

ROUTING	
RAKEL ONE ALPHA (RAKEL, RAKEL 1 A)	From RAKEL on track 216° to HUMOL , then turn LEFT to MANUA and expect approach clearance prior MANUA
KAVLO ONE ALPHA (KAVLO, KAVLO 1 A)	From KAVLO on track 248° to HUMOL , then turn LEFT to MANUA and expect approach clearance prior MANUA
LORMA ONE ALPHA (LORMA, LORMA 1 A)	From LORMA on track 292° to LOVAG then on track 277° to HUMOL , then turn LEFT to MANUA and expect approach clearance prior MANUA

Maximum Speed 250KT IAS within 30NM from MGA VOR or below 10 000' AGL of the airport elevation or as by ATC

SCALE 1:1.000.000

