# MGA / MNMG (Managua, Nicaragua) (Elev. 194')

- → Ref. 10-1R, 6000' safe altitude within 43 NM from MGA.
- Customs: No forms required.
- Arrival routes this section: MIA to MGA 1, 2, 3, 4

#### MIA to MGA - 1

- → Expect RAKEL 1A arrival. Connects nicely to ILS DME or LOC 10 (11-3).
- + RAKEL 290/19000.
- → HUMOL 210/4000A & MANUA /3000.

### Optional Arrival...

- → ARC Approach 10 Request ILS 1 via the 10 DME Arc. RAKEL transition / 19000.
- → Make speed at top of arc (D022L) 220Kts. \*Expect tailwind on Arc 30+ kts!
- → Make SANDO a hard 3000'.

MIA	124.7	
IVIIA	124.7	-

CEN r 124.3 SELEK

" 124.1 -

Sandino App. 119.4 -

#### MIA to MGA - 2

See arrival notes above.

MIA	124.7	-
HAV r	135.1	MAXIM
II	124.55	-
MER r	128.2	NUKAN
II	125.8	-
CEN r	123.9	ANIKO
II	124.1	-
Sandino App.	119.4	-

#### MIA to MGA - 3

See arrival notes above.

 HOU
 135.77
 MINOW

 MER r
 128.2
 PISAD

 CEN r
 123.9
 VIDNO / AVRIS

" 124.1 - Sandino App. 119.4 -

#### MIA to MGA - 4

• See arrival notes above.

HAV r 124.55 / 135.1 FUNDI KIN r 125.4 ATUVI CEN r 124.3 UMAKA " 124.1 -Sandino App. r 119.4 -

# **DEPARTURE - E/O 1190'**

- **Climb for terrain** ~ 220/6000'.
- Approaching US, logon to CPDLC.
- Departure routes this section: MGA to MIA 1, 2, 3

#### MGA to MIA - 1

- → Expect the NAGOR1 Dep. or possibly Rwy. Heading to 3000' then L Direct NAGOR, Dir. SELEK.
- → HAV may assign to cross IKBIX @ FL300.

Dep. r 119.4 -

CEN r 124.1 RAKEL

" 124.3 -

HAV r 124.55 SELEK

MIA 132.2 / 124.75 IKBIX / FUNDI

# MGA to MIA - 2

→ BERTA Transition Dep. (pg.10-3).

Dep. r 119.4 -

CEN r 124.1 BERTA / ILESU

" 123.9 -" 124.3 -

HAV r 124.55 PABEL

MIA 132.2 / 124.75 IKBIX / FUNDI

# MGA to MIA - 3

• See arrival notes above.

Dep. r 119.4 CEN r 124.1 **BERTA** 123.9 125.8 MER r **ANIKO** 128.2 HAV r 124.55 **NUKAN** 135.1 MIA 132.2 **MAXIM** 

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