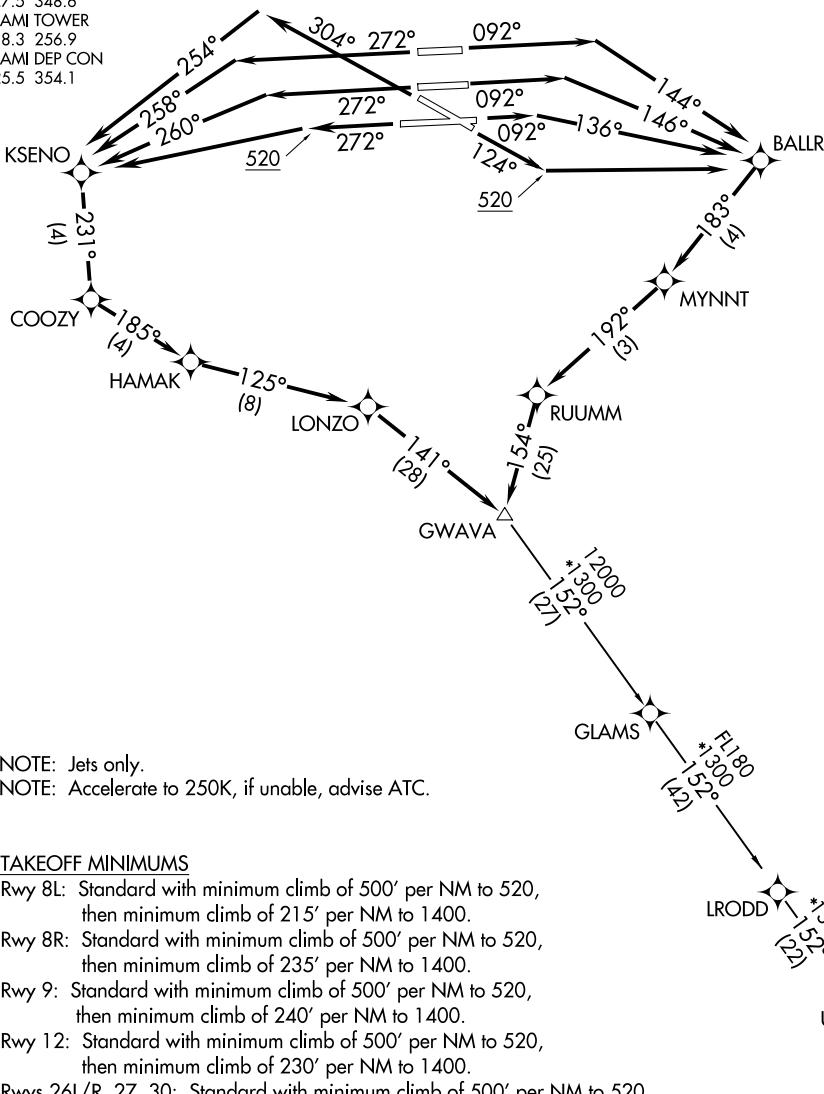# (GWAVA2.GWAVA) 22139 AL-257 (FAA)
GWAVA TWO DEPARTURE (RNAV)

MIAMI INTL (MIA)
MIAMI, FLORIDA

D-ATIS
133.675
CLNC DEL
135.35
CPDLC
GND CON
(Rwys 8L/R, 12, 26L/R)
121.8 348.6
(Rwys 9, 27, 30)
127.5 348.6
MIAMI TOWER
118.3 256.9
MIAMI DEP CON
125.5 354.1

TOP ALTITUDE:
5000

RNAV 1-DME/DME/IRU or GPS.
RADAR required.

254°
304° 272° 092°
258°
260° 272° 092°
272° 092°
520 272° 124°
520 136°
144°
146°

KSENO
BALLR

231°
(4)
183°
(4)

COOZY
185°
(4)
MYNNT

HAMAK
125°
(8)
192°
(3)

LONZO
141°
(28)
154°
(25)
RUUMM

GWAVA

152°
(27)
12000
*1300

GLAMS
152°
(42)
FL180
*1300

LRODD
152°
(22)
FL180
*1300

URSUS

NOTE: Jets only.
NOTE: Accelerate to 250K, if unable, advise ATC.

TAKEOFF MINIMUMS

Rwy 8L: Standard with minimum climb of 500' per NM to 520,
then minimum climb of 215' per NM to 1400.
Rwy 8R: Standard with minimum climb of 500' per NM to 520,
then minimum climb of 235' per NM to 1400.
Rwy 9: Standard with minimum climb of 500' per NM to 520,
then minimum climb of 240' per NM to 1400.
Rwy 12: Standard with minimum climb of 500' per NM to 520,
then minimum climb of 230' per NM to 1400.
Rwys 26L/R, 27, 30: Standard with minimum climb of 500' per NM to 520.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

GWAVA TWO DEPARTURE (RNAV)
(GWAVA2.GWAVA) 19MAY22

MIAMI, FLORIDA
MIAMI INTL (MIA)

▼

DEPARTURE ROUTE DESCRIPTION
SEE ADDITIONAL REQUIREMENTS ON AAUP

TAKEOFF RUNWAY 8L: Climb on heading 092° to intercept course 144° to BALLR, then on track 183° to MYNNT, then on track 192° to RUUMM, then on track 154° to GWAVA, thence . . .

TAKEOFF RUNWAY 8R: Climb on heading 092° to intercept course 146° to BALLR, then on track 183° to MYNNT, then on track 192° to RUUMM, then on track 154° to GWAVA, thence . . .

TAKEOFF RUNWAY 9: Climb on heading 092° to intercept course 136° to BALLR, then on track 183° to MYNNT, then on track 192° to RUUMM, then on track 154° to GWAVA, thence . . .

TAKEOFF RUNWAY 12: Climb on heading 124° to 520, then direct BALLR, then on track 183° to MYNNT, then on track 192° to RUUMM, then on track 154° to GWAVA, thence . . .

TAKEOFF RUNWAY 26L: Climb on heading 272° to intercept course 260° to KSENO, then on track 231° to COOZY, then on track 185° to HAMAK, then on track 125° to LONZO, then on track 141° to GWAVA, thence . . .

TAKEOFF RUNWAY 26R: Climb on heading 272° to intercept course 258° to KSENO, then on track 231° to COOZY, then on track 185° to HAMAK, then on track 125° to LONZO, then on track 141° to GWAVA, thence . . .

TAKEOFF RUNWAY 27: Climb on heading 272° to 520, then direct KSENO, then on track 231° to COOZY, then on track 185° to HAMAK, then on track 125° to LONZO, then on track 141° to GWAVA, thence . . .

TAKEOFF RUNWAY 30: Climb on heading 304° to intercept course 254° to KSENO, then on track 231° to COOZY, then on track 185° to HAMAK, then on track 125° to LONZO, then on track 141° to GWAVA, thence . . .

. . . then on assigned transition, maintain 5000, expect filed altitude 10 minutes after departure.

URSUS TRANSITION (GWAVA2.URSUS)