MANZANILLO 3 ARRIVAL
(RWY 10)

From UMZ descend to ATC assigned FL via UMZ R-130 direct to KUBOS. Then intercept UCU VOR R-265 descending and EXPECT clearance to Runway 10.

CHANGES: Runway designator, KUBOS formation, new format.
CAOBA 3 DEPARTURE  
(RWY 10)

INITIAL CLIMB

Climbing RIGHT turn to intercept UCU VOR R-111 until reaching 3500', turn RIGHT climbing to UCU VOR. Continue on UCU VOR R-302 until CAOBA and proceed by assigned transition.

TRANSITIONS

BAYAMO  From CAOBA via 312° heading direct UBY.

HOLGUIN  From CAOBA via 001° heading direct UHG.

MANZANILLO  From CAOBA via UMZ R-106 direct UMZ.

CHANGES:  Runway designator, CAOBA formation, new format. © JEPPESEN SANDERSON, INC., 2007. ALL RIGHTS RESERVED.
INITIAL CLIMB

After take-off, climb on UCU VOR R-117 to GUASO, turn LEFT direct to UGT and proceed via assigned route.
INITIAL CLIMB

After take-off turn RIGHT to intercept UCU VOR R-261 within UCU 10 DME climbing to KUBOS. Continue climb on UMZ R-130 to UMZ and proceed via assigned route.

CHANGES: Runway designators, new format, reindexed.
SANTIAGO 4 DEPARTURE
(RWY 10)

This SID requires a minimum climb gradient of 300’ per NM to MEA.

<table>
<thead>
<tr>
<th>Gnd speed-KT</th>
<th>75</th>
<th>100</th>
<th>150</th>
<th>200</th>
<th>250</th>
<th>300</th>
</tr>
</thead>
<tbody>
<tr>
<td>300’ per NM</td>
<td>375</td>
<td>500</td>
<td>750</td>
<td>1000</td>
<td>1250</td>
<td>1500</td>
</tr>
</tbody>
</table>

INITIAL CLIMB

After take-off turn RIGHT to intercept 125° magnetic route until reaching 3500’. Turn RIGHT to UCU NDB, then via assigned route.

SANTIAGO 3 DEPARTURE
(RWY 28)

This SID requires a minimum climb gradient of 300’ per NM to MEA.

<table>
<thead>
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<th>Gnd speed-KT</th>
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<th>100</th>
<th>150</th>
<th>200</th>
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<td>1000</td>
<td>1250</td>
<td>1500</td>
</tr>
</tbody>
</table>

INITIAL CLIMB

After take-off turn LEFT to intercept 246° magnetic route until reaching 3500’. Turn LEFT to UCU NDB, then via assigned route.
MISSED APCH: Immediate RIGHT climbing turn to intercept outbound UCU VOR R-131, upon reaching 2000', continue climbing to 5500' on inbound UCU VOR R-189 to UCU VOR holding pattern and expect ATC instructions.

CHANGES: NM distance in profile.
CAUTION: All aircraft operating Rwy 01/19 due to limited visibility from tower to Rwy 01/19.

All aircraft are prohibited to make 180° turns in rwy area from threshold Rwy 10 to intersection with Rwy 01/19.

Only light aircraft with MTOW until 24 Tons are authorized to make 180° turns on Rwy 10/28 after intersection of Rwy 01/19 to threshold of Rwy 28.

Free turns will be possible only in turning areas of both thresholds of Rwy 10/28.

Birds in vicinity of airport.

All heavy aircraft parked in position 1 are prohibited from taxiing on Twy "BRAVO" to Rwy 10/28.

Tower will only offer AFIS to aircraft operating on Rwy 01/19.
CHANGES: Procedure.

MISSED APCH: Climb inbound on UCU VOR R-266 to UCU VOR, immediate RIGHT turn to intercept outbound UCU VOR R-131 upon reaching 2000', continue climbing to 5500' on inbound UCU VOR R-189 to UCU VOR holding pattern and expect ATC instructions.

1. CAUTION: Avoid flying over the petroleum refinery zone.
2. Visual procedures shall always be made to the south of the airport.
MUCU/SCU
ANTONIO MACEO INTL
24 AUG 07
13-2
SANTIAGO DE CUBA, CUBA
VOR DME Rwy 28

MISSED APCH: Climb inbound on UCU VOR R-111 to UCU VOR, immediate LEFT turn to outbound UCU VOR R-249, upon reaching 2000’, return climbing to 5500’ on inbound UCU VOR R-191 to UCU VOR holding pattern.

Alt Set: hPa
Rwy Elev: 9 hPa
Trans level: By ATC
Trans alt: 5500’

1. CAUTION: Avoid flying over the petroleum refinery zone.
2. Visual procedures shall always be made to the south of the airport.

CHANGES: Rwy number, MSA, minimums.
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MISSED APCH: If no visual ground reference is established immediately after procedure turn, keep turning LEFT to 186° until reaching 5500' and return to UCU NDB holding pattern.

Alt Set: hPa  Trans level: By ATC  Trans alt: 5500'

1. CAUTION: Avoid flying over the petroleum refinery zone.
2. Visual procedures shall always be made to the south of the airport.