

(BOACH5.BOACH) 11013

NEW

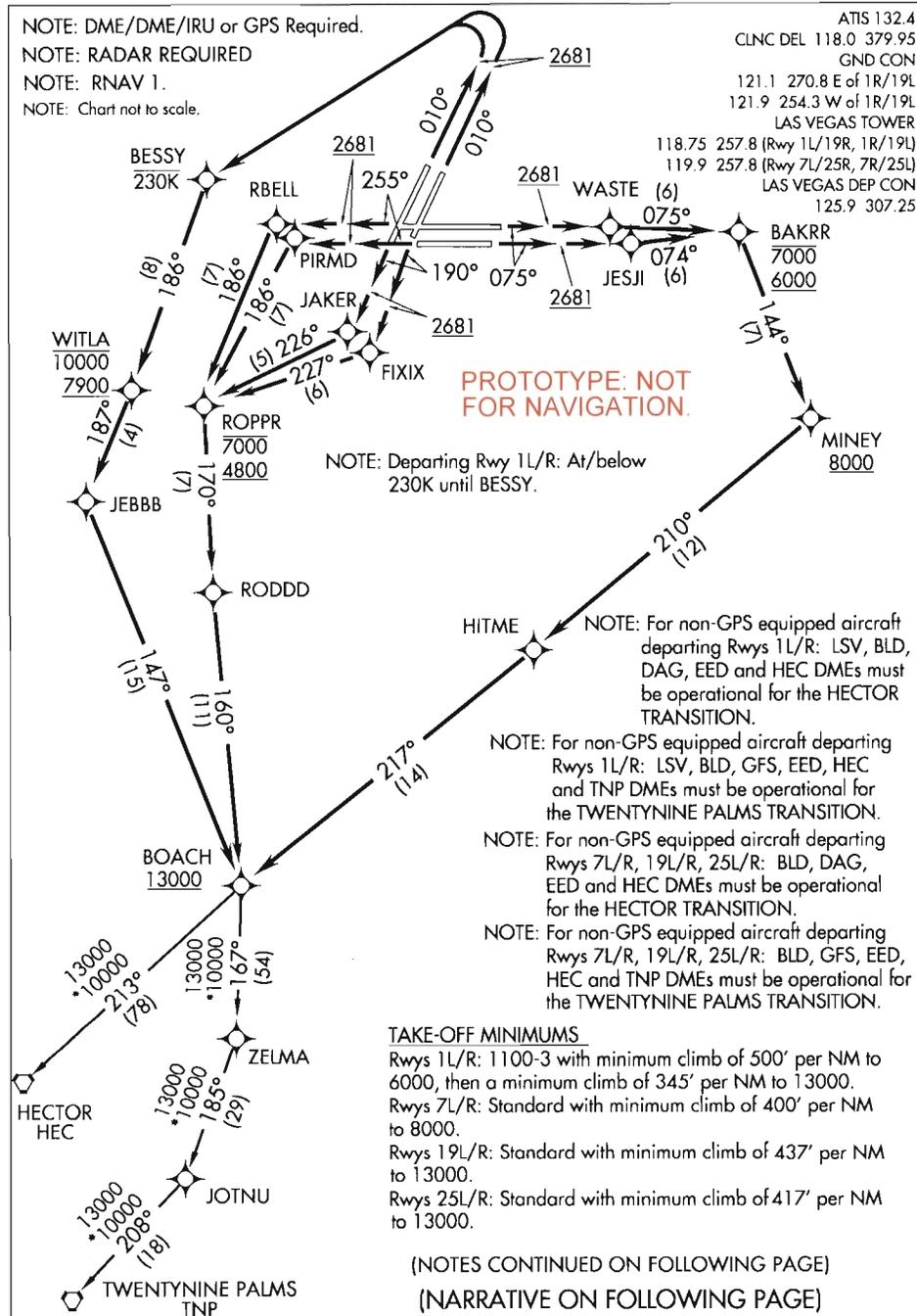
BOACH FIVE DEPARTURE (RNAV)

SL-662 (FAA)

LAS VEGAS/MC CARRAN INTL (LAS)
LAS VEGAS, NEVADA

NOTE: DME/DME/IRU or GPS Required.
NOTE: RADAR REQUIRED
NOTE: RNAV 1.
NOTE: Chart not to scale.

ATIS 132.4
CLNC DEL 118.0 379.95
GND CON
121.1 270.8 E of 1R/19L
121.9 254.3 W of 1R/19L
LAS VEGAS TOWER
118.75 257.8 (Rwy 1L/19R, 1R/19L)
119.9 257.8 (Rwy 7L/25R, 7R/25L)
LAS VEGAS DEP CON
125.9 307.25



PROTOTYPE: NOT FOR NAVIGATION.

NOTE: Departing Rwy 1L/R: At/below 230K until BESSY.

NOTE: For non-GPS equipped aircraft departing Rwys 1L/R: LSV, BLD, DAG, EED and HEC DMEs must be operational for the HECTOR TRANSITION.

NOTE: For non-GPS equipped aircraft departing Rwys 1L/R: LSV, BLD, GFS, EED, HEC and TNP DMEs must be operational for the TWENTYNINE PALMS TRANSITION.

NOTE: For non-GPS equipped aircraft departing Rwys 7L/R, 19L/R, 25L/R: BLD, DAG, EED and HEC DMEs must be operational for the HECTOR TRANSITION.

NOTE: For non-GPS equipped aircraft departing Rwys 7L/R, 19L/R, 25L/R: BLD, GFS, EED, HEC and TNP DMEs must be operational for the TWENTYNINE PALMS TRANSITION.

TAKE-OFF MINIMUMS

Rwys 1L/R: 1100-3 with minimum climb of 500' per NM to 6000, then a minimum climb of 345' per NM to 13000.
Rwys 7L/R: Standard with minimum climb of 400' per NM to 8000.
Rwys 19L/R: Standard with minimum climb of 437' per NM to 13000.
Rwys 25L/R: Standard with minimum climb of 417' per NM to 13000.

(NOTES CONTINUED ON FOLLOWING PAGE)

(NARRATIVE ON FOLLOWING PAGE)

SW-4, 31 MAY 2012 to 28 JUN 2012

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FIG

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LAS VEGAS, NEVADA



DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAY 1L/R: Climb heading 010° to 2681', then left turn direct BESSY, then on track 186° to cross WITLA at or below 10000 and at or above 7900, then on track 187° to JEBBB, then on track 147° to cross BOACH at or above 13000. Thence....

TAKE-OFF RUNWAY 7L: Climb heading 075° to 2681', then direct WASTE, then on track 075° to cross BAKRR at or below 7000 and at or above 6000, then on track 144° to cross MINEY at or above 8000, then on track 210° to HITME, then on track 217° to cross BOACH at or above 13000. Thence....

TAKE-OFF RUNWAY 7R: Climb heading 075° to 2681', then direct JESJI, then on track 074° to cross BAKRR at or below 7000 and at or above 6000, then on track 144° to cross MINEY at or above 8000, then on track 210° to HITME, then on track 217° to cross BOACH at or above 13000. Thence....

TAKE-OFF RUNWAY 19L: Climb heading 190° to 2681', then direct FIXIX, then on track 227° to cross ROPPR at or below 7000 and at or above 4800, then on track 170° to RODDD, then on track 160° to cross BOACH at or above 13000. Thence....

TAKE-OFF RUNWAY 19R: Climb heading 190° to 2681', then direct JAKER, then on track 226° to cross ROPPR at or below 7000 and at or above 4800, then on track 170° to RODDD, then on track 160° to cross BOACH at or above 13000. Thence....

TAKE-OFF RUNWAY 25L: Climb heading 255° to 2681', then direct PIRMD, then on track 186° to cross ROPPR at or below 7000 and at or above 4800, then on track 170° to RODDD, then on track 160° to cross BOACH at or above 13000. Thence....

TAKE-OFF RUNWAY 25R: Climb heading 255° to 2681', then direct RBELL, then on track 186° to cross ROPPR at or below 7000 and at or above 4800, then on track 170° to RODDD, then on track 160° to cross BOACH at or above 13000. Thence....

....via (Transition) maintain FL190, expect filed altitude 10 minutes after departure.

HECTOR TRANSITION (BOACH5.HEC)

TWENTYNINE PALMS TRANSITION (BOACH5.TNP)

PROTOTYPE: NOT FOR NAVIGATION

TAKE-OFF OBSTACLE NOTES

- RWY 1L: Building 1508' from DER, 463' left of centerline, 71' AGL/2146' MSL. Pole 453' from DER, 283' left of centerline, 38' AGL/2118' MSL. Sign 1042' from DER, 694' left of centerline, 35' AGL/2124' MSL.
- RWY 1R: Sign 1331' from DER, 448' right of centerline, 60' AGL/2120' MSL. Vents 604' from DER, 539' right of centerline, up to 17' AGL/2095' MSL.
- RWY 7L: Trees 761' from DER, left and right of centerline, up to 42' AGL/2074' MSL. Pole 747' from DER, 442' right of centerline, 25' AGL/2057' MSL.
- RWY 7R: Tower 1457' from DER, 847' right of centerline, 65' AGL/2096' MSL.
- RWY 19L: Multiple buildings, trees and poles 1394' from DER, 251' right of centerline, up to 96' AGL/2284' MSL. Sign 2181' from DER, 1062' right of centerline, 36' AGL/2236' MSL.
- RWY 19R: Trees 1563' from DER, 329' left of centerline, up to 55' AGL/2236' MSL. Multiple buildings, signs and poles 197' from DER, 59' right of centerline, up to 75' AGL/2291' MSL.
- RWY 25L: Multiple poles, signs and buildings 1003' from DER, 145' left of centerline, up to 97' AGL/2291' MSL. Trees 2837' from DER, 1008' left of centerline, 72' AGL/2230' MSL. Railroad 2564' from DER, 773' left of centerline, 66' AGL/2223' MSL.
- RWY 25R: Multiple poles and trees 533' from DER, 1' left of centerline, up to 271' AGL/2457' MSL. Building 1822' from DER, 652' left of centerline, 59' AGL/2238' MSL. Roads 669' from DER, 17' right of centerline, up to 29' AGL/2208' MSL.

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