**TOP ALTITUDE:**

**16000**

**TAKEOFF MINIMUMS**

Rwys 15L/R, 26L/R, 27, 33L/R: Standard with minimum climb of 500’ per NM to 800.

**NOTE:** Radar required.

**NOTE:** DME/DME/IRU or GPS required.

**NOTE:** RNAV 1.

**NOTE:** For use during west flow at IAH.

For east flow, file the GUMBY RNAV DEPARTURE.

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**MMUGS FOUR DEPARTURE (RNAV)**

**RNAV 1.**

**GEORGE BUSH INTERCONTINENTAL/HOUSTON (IAH)**

**AL 5461 (FAA)**

**HOUSTON, TEXAS**

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**NOTE:** Chart not to scale.