

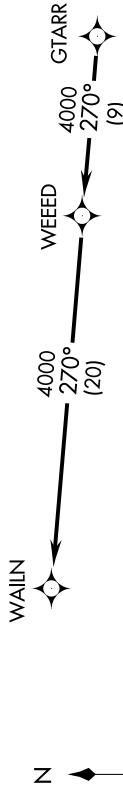
TAKE-OFF OBSTACLES:

Rwy 13, Bush 381' from DER, 533' left of centerline, 15' AGL/20' MSL. Fence 201' from DER, 490' left of centerline, 6' AGL/11' MSL. Tree 343' from DER, 468' right of centerline, 12' AGL/17' MSL.

Rwy 17, Building 3057' from DER, 339' left of centerline, 123' AGL/130' MSL. Multiple poles beginning 2034' from DER, 87' right of centerline, up to 60' AGL/70' MSL. Multiple transmission towers beginning 636' from DER, 551' right of centerline, up to 55' AGL/60' MSL. Tree 460' from DER, 316' right of centerline, 22' AGL/29' MSL.

Rwy 31, Multiple cranes beginning 4341' from DER, 1017' left of centerline, up to 131' AGL/131' MSL.

Rwy 35, Tree 730' from DER, 501' right of centerline, 27' AGL/32' MSL.



TAKE-OFF MINIMUMS:

Rwy 13, 31, 35, Standard.
 Rwy 17, 300-1 or standard with a minimum climb of 502' per NM to 300.

- NOTE: RNAV 1.
- NOTE: RADAR Required.
- NOTE: DME/DME/IRU or GPS Required.
- NOTE: For advanced navigation aircraft destined AUS/SAT Terminal Area.
- SAT: Departing all Houston airports.
- AUS: Departing all Houston airports except IAH, CXO, DWH.

NOTE: Chart not to scale



ASOS
 119.275
 CLNC DEL
 135.35 (when tower closed)
 GND CON
 118.625
 GALVESTON TOWER ★
 120.575
 HOUSTON DEP CON
 134.45 284.0

DEPARTURE ROUTE DESCRIPTION

When entering controlled airspace, climb on assigned heading for radar vectors to GTARR, maintain 4000. Thence
 expect filed altitude 10 minutes after departure on depicted route to WAIN.