

# GIFFA NINE DEPARTURE

AL-198 (FAA)

WILLIAM P HOBBY (HOU)  
HOUSTON, TEXAS

**TOP ALTITUDE:  
16000**

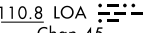
D-ATIS  
124.6  
CLNC DEL  
125.45  
CPDLC  
GND CON  
121.9  
HOBBY TOWER  
118.7 256.9  
HOUSTON DEP CON  
132.25 285.425

CEDAR CREEK  
114.8 CQY   
Chan 95

### TAKEOFF MINIMUMS

Rwys 13L, 13R, 31L, 31R, 35: Standard.  
Rwy 4: 300-1 or standard with minimum  
climb of 270' per NM to 300.  
Rwy 17: 300-1.  
Rwy 22: Standard with minimum climb  
of 290' per NM to 1500.

NOTE: RADAR required.  
NOTE: For aircraft destined for the DFW  
terminal area only.

LEONA  
110.8 LOA   
Chan 45

GIFFA  
N31°22.89'  
W95°15.10'  
L-19-21, H-6  
10000

89

85

BUMCO  
N30°38.91'  
W95°18.03'

44


41

MONNT  
N30°28.65'  
W95°18.70'  
L19-21, H7

110

31

DAISETTA  
116.9 DAS   
Chan 116

HUMBLE  
116.6 IAH   
Chan 113

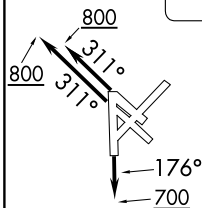
### DEPARTURE ROUTE DESCRIPTION

**TAKEOFF RWYS 4, 13L/R, 22, 35:** Climb on assigned heading for RADAR vectors to MONNT INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence . . . .

**TAKEOFF RWY 17:** Climb heading 176° to 700 before turning, then climb on assigned heading for RADAR vectors to MONNT INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence . . . .

**TAKEOFF RWYS 31L/R:** Climb heading 311° to 800 before turning, then climb on assigned heading for RADAR vectors to MONNT INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence . . . .

. . . . on IAH R-358 to cross GIFFA INT at or above 10000.



NOTE: Chart not to scale.

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(GIFFA9.GIFFA) 22JUN17

HOUSTON, TEXAS  
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SC-5, 27 FEB 2020 to 26 MAR 2020

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