

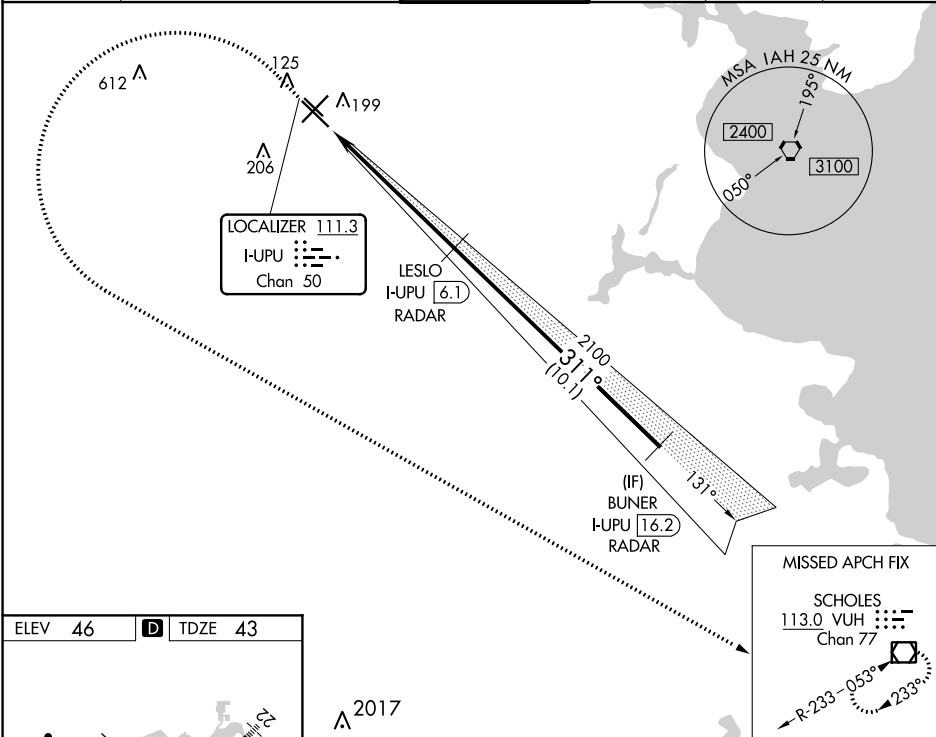
LOC/DME I-UPU 111.3 Chan 50	APP CRS 311°	Rwy Idg 7602 TDZE 43 Apt Elev 46
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ILS or LOC RWY 31L
WILLIAM P HOBBY (HOU)

RADAR or DME required for LOC only.
RADAR required for procedure entry.

MISSSED APPROACH: Climb to 1000 then climbing left turn to 3000 direct VUH VOR/DME and hold.

D-ATIS 124.6	HOUSTON APP CON 120.05 379.1 EAST 124.35 316.15 WEST	HOBBY TOWER 118.7 256.9	GND CON 121.9	CLNC DEL 125.45	CPDLC
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ELEV **46** **D** TDZE **43**

REIL Rwy 31L
MIRL Rwy 13L-31R
HIRL Rws 4-22 and 13R-31L
TDZ/CL Rws 4, 13R and 31L

FAF to MAP 6.3 NM

Knots	60	90	120	150	180
Min:Sec	6:18	4:12	3:09	2:31	2:06

A 2017

1000 3000 VUH

*LOC only

*I-UPU 1.1

LESLO I-UPU 6.1 RADAR

BUNER I-UPU 16.2 RADAR

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 76).

GS 3.00° TCH 58

311° 4000

2100

1.3 5 NM 10.1 NM

CATEGORY	A	B	C	D
S-ILS 31L	243/40		200 (200-¾)	
S-LOC 31L	520/55 477 (500-1)		520-1¾ 477 (500-1¾)	
CIRCLING	520-1 474 (500-1)		740-2¼ 694 (700-2¼)	

SC-5, 23 FEB 2023 to 23 MAR 2023

SC-5, 23 FEB 2023 to 23 MAR 2023