

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29									Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.					
TERMINAL ROUTES												MISSED APPROACH									
FROM			TO			COURSE AND DISTANCE			ALTITUDE			ILS: DA LOC: 5.88 NM AFTER ROYCE/I-PRQ 7.14 DME/RADAR OR AT 1.26 DME FIX									
JABBS INT/I-PRQ 14.80 DME/RADAR (IF)			ROYCE/I-PRQ 7.14 DME/RADAR			130.95 / 7.66 (I-PRQ)			2000			CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2200 DIRECT VUH VOR/DME, OR AS DIRECTED BY ATC. ALTERNATE MA (DO NOT CHART): CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 360 AND HUB VOR/DME R-040 TO RAYCI INT/HUB 15.00 DME AND HOLD.									
												ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE RAYCI INT/HUB 15.00 DME, RT, 220.35 INBOUND. CHART FAS OBST: 231 TOWER 294117N/0952018W CHART 345 TOWER 294326N/0952154W. CHART VDP AT 2.63 DME* DISTANCE VDP TO THLD 1.37 NM. *LOC ONLY. CHART IN PLANVIEW: RAYCI INT/HUB 15.00 DME. CHART CIRCLING ICON.									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)												MAG VAR: 3E EPOCH YEAR: 2015									
2. PROFILE STARTS AT JABBS INT/I-PRQ 14.80 DME/RADAR																					
3. FAC: 130.95 FAF: ROYCE/I-PRQ 7.14 DME/RADAR DIST FAF TO MAP: 5.88 THLD: 5.88																					
4. MIN. ALT: JABBS 2000, ROYCE 2000																					
5. DIST TO THLD FROM OM: 5.88 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 957																					
6. MIN GS INCPT: 2000 GS ALT AT: ROYCE 2000 OM: - MM: - IM: -																					
7. GS ANGLE: 3.00 TCH: 49.0																					
8. MSA FROM: HUB VOR/DME 3100																					
MINIMUMS																					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		ILS: STANDARD #		LOC: STANDARD @										
CATEGORY =====>		A			B			C			D			E							
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA						
S-ILS 13R	296	4000	250	296	4000	250	296	4000	250	296	4000	250	296	4000	250						
S-LOC 13R	540	4000	494	540	4000	494	540	5000	494	540	5000	494	540	6000	494						
CIRCLING	540	1	494	540	1	494	740	2 1/4	694	740	2 1/4	694	860	3	814						
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS RWY 13R. CHART NOTE: DME OR RADAR REQUIRED. CHART PLANVIEW NOTE: RADAR REQUIRED. CHART NOTE: RWY 13R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. (CONTINUED ON PAGE 2)																					
CITY AND STATE HOUSTON, TX		ELEVATION: 46 TDZE: 46 AIRPORT NAME: WILLIAM P HOBBY		FACILITY IDENTIFIER: I-PRQ		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 13R, AMDT 12C					SUP: ILS OR LOC RWY AMDT: 12B DATED 05/29/2014										

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input checked="" type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div><input checked="" type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div><input checked="" type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify)		<div><input checked="" type="checkbox"/> ZHU, HOU ATCT, HOUSTON APP CON.</div>			
FLIGHT CHECKED BY					
NAME:				FIFO FIOG	DATE: 02/11/2014
DEVELOPED BY					
NAME: THOMAS L KIRKPATRICK (WILLIAM HANBY)				FIFO AJV-5423	DATE: 07/18/2016
APPROVED BY					
NAME: TONY R LAWSON MANAGER				FIFO AJV-5420	DATE:
CHANGES:					
<div>1. CHANGED RUNWAY NUMBER FROM 12R TO 13R.</div> <div>2. ADDED CHART CIRCLING ICON.</div> <div>3. INCREASED CIRCLING CAT C MDA/HAA FROM 540/494 TO 740/694 AND VIS FROM 1 1/2 TO 2 1/4.</div> <div>4. INCREASED CIRCLING CAT D MDA/HAA FROM 600/554 TO 740/694 AND VIS FROM 2 TO 2 1/4.</div> <div>5. CHANGED INOP LIGHT CHART NOTE FROM "FOR INOP MALSR, INCREASE S-LOC 12R CAT A AND B VISIBILITY TO RVR 5000 AND CAT E TO 1 3/4." TO "FOR INOPERATIVE ALS, INCREASE S-LOC 13R CATS A/B VISIBILITY TO RVR 5500, CATS C/D TO 1 3/8 SM, CAT E TO 1 3/4 SM."</div> <div>6. ADDED "RWY 13R" TO HELICOPTER VISIBILITY RESTRICTION CHART NOTE.</div> <div>7. CHANGED MISSED APPROACH HOLDING CLEARANCE LIMIT FROM VUH VORTAC TO VUH VOR/DME.</div> <div>8. CHANGED S-LOC 12R CAT C VISIBILITY FROM RVR 4000 TO RVR 5000.</div>					
REASONS:					
<div>1. RUNWAYS RENUMBERED PER AIRPORT.</div> <div>2. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.</div> <div>3-4, 8. NEW CONTROLLING OBSTACLES.</div> <div>5-6. NEW CRITERIA PHRASEOLOGY.</div> <div>7. NEW AVNIS DATA INDICATES THAT THE VUH NAVAID IS NOW A VOR/DME.</div>					

QUALITY
4
CHECKED

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 13R CATS A/B VISIBILITY TO RVR 5500, CATS C/D TO 1 3/8 SM, CAT E TO 1 3/4 SM.

CITY AND STATE HOUSTON, TX	ELEVATION: 46 AIRPORT NAME: WILLIAM P HOBBY	TDZE: 46	FACILITY IDENTIFIER: I-PRQ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 13R, AMDT 12C	SUP: ILS OR LOC RWY 12R
					AMDT: 12B
					DATED: 05/29/2014

QUALITY
4

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD	
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	PART - A OBSTRUCTION DATA
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[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: THRESHOLD DISPLACED 1034. PRECIPITOUS TERRAIN EVALUATION COMPLETED. ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.81NM CAT C: 2.84NM CAT D: 3.70NM CAT E: 4.63NM OBST. 3: HAT ADJUSTED 50' FOR OBSTACLE (KHOU0046) IN X SURFACE. OBSTACLE IS LOCATED 22.75 FT INTO X SURFACE. MALSR APPROACH LIGHTS BUILT INTO DISPLACED THRESHOLD FOR LIGHT CREDIT. ASOS IS ON SERVICE A. ORDER 8260.3, CHAPTER 2 APPLIED TO 345 TOWER 294326N/0952154W. BACKUP ALTIMETER NOT ESTABLISHED DUE TO REDUNDANT WEATHER SOURCES AT AIRPORT. VGSI DATA - 3.00/TCH 51.70. VEGETATION HEIGHT: 30 FT. ORDER 8260.3, CHAPTER 3, "VISUAL PORTION OF FINAL" PENETRATIONS: 34:1 84 POLE (48-001615) 293902.00N/0951715.00W (2.73) PROCEDURE BUILT WITH ORIGINAL CRITERIA PER LEAD. XP165=RAISED TO MATCH RWY 4 RECENTLY FLIGHT INSPECTED/PUBLISHED CAT C CIRCLING MINIMUMS. MISSED APPROACH OBSTACLES CONT. ALTERNATE: ASC 2000 12. TOWER (48-002348) 294818.66N/0951219.38W 667 (2C) 1000 1700 13. TERRAIN 294430.00N/0950539.00W 50 (100) AS1500 1600																			
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																					
HOU APP CON HOU TOWER						N W S		OTHER: ASOS												SOURCE: KHOU									
				X		F A A														DISTANCE:									
						A / C														HOURS REMOTE OPERATION:									
SATISFACTORY ON:																													
X		V H F		X		U H F		H F												LOCATION: KHOU/KHOU				ADJUSTMENT: 0					
4. MONITOR STATUS		PRIMARY NAVAID: I-PRQ																											
		MONITOR POINT: HOU ATCT																											
		HRS		CAT 1		24																							
		OPTN:		CAT 3																									
5. APPROACH & RUNWAY LIGHTING		X		ALSF-2 04																									
				(S) SALS																									
		X		MALSR 13R MALS 22																									
		X		HIRL 04, 13R, 22, 31L																									
		X		MIRL 13L, 17, 31R, 35																									
		X		REIL 31L, 35																									
		X		TDZ 04, 13R, 31L																									
		X		C/L 04, 13R, 22, 31L																									
X		OTHER (SPECIFY) VASI-4R 35 PAPI-4L 13L, 31L VASI-4L 17, 22 PAPI-4R 04, 13R																											
6. RUNWAY MARKINGS				BASIC BSC-G 13L, 31R																									
				ALL WEATHER PIR-G 04, 13R, 22, 31L																									
				INSTRUMENT NPI-G 17, 35																									
7. RUNWAY VISUAL RANGE				APPROACH 04, 13R, 31L																									
				MIDFIELD 04																									
				ROLL OUT 04																									
8. GLIDE PATH				GP ANGLE: 3.00										ELEV RWY THRESHOLD: 46.0															
				DISTANCE FROM RWY: 957										ELEV GP ANTENNA: 43.3															
														THRESHOLD CROSSING HEIGHT: 49.0															
9. FINAL APPROACH COURSE AIMING						X		RUNWAY THRESHOLD												FT. FROM THRESHOLD									
						X		ON CENTERLINE												FT. FROM CENTERLINE									
10. WAIVERS: NONE																													
PART D - PREPARED BY: THOMAS L KIRKPATRICK (WILLIAM HANBY)														DATE: 07/18/2016															
TITLE: AERONAUTICAL INFORMATION SPECIALIST														OFFICE: AJV-5423															

