

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> GEORGE BUSH INTERCONTINENTAL/HOUSTON <u>AIRPORT ELEVATION</u> 96	<u>AIRPORT ID</u> KIAH <u>TDZE</u> 95	<u>PROCEDURE NAME</u> RNAV (RNP) Y RWY 8R <u>SUPERSEDED</u> RNAV (RNP) Y RWY 8R	<u>ORIGINAL/AMENDMENT</u> 1B <u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 07/21/2016	<u>CITY</u> HOUSTON <u>MAG VAR</u> 3E	<u>STATE</u> TX <u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 OCTOBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
TTORO	IAF	BGBUK		TF	FB	1.00	159.18	7.20	7000
BGBUK		LASSY		TF	FB	1.00	122.73	3.23	7000
WDLNS	IAF	POLLN		TF	FB	1.00	031.27	7.94	7000
POLLN		DPLOY		TF	FB	1.00	066.98	2.50	7000
LASSY	IAF	DPLOY		TF	FB	1.00	086.69	5.00	7000
DPLOY		JELLI		TF	FB	1.00	086.73	4.24	5000
JELLI	IF	REIGN		TF	FB	1.00	086.78	3.77	4000
REIGN		EELPO		TF	FB	1.00	086.81	3.92	3000
EELPO		MATON		TF	FB	1.00	086.85	3.61	2000
MATON	PFAF	RW08R	MAP	TF	FO	0.30	086.88	5.81	
RW08R	MAP	MKAYE		TF	FO	1.00	086.93	22.91	3000

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 ON TRACK 086.93 TO MKAYE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT LASSY

3. FAC: 086.88

PFAF:

DIST PFAF TO MAP:

DIST PFAF TO THLD:

4. MIN ALT: LASSY 7000, DPLOY 7000, JELLI 5000, REIGN 4000, EELPO 3000, MATON 2000

5. DIST TO THLD FROM OM: 5.81

MM:

IM:

150 HAT:

288 HAT: 0.73

GS ANT:

6. MIN GP INCPT: 2000

GP ALT AT PFAF : MATON 2000

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 54.7

8. MSA FROM: RW08R 3100

PBN REQUIREMENTS NOTE:

RNP AR APCH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -3C OR ABOVE 54C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART SPEED ICON IN PLANVIEW AT TTORO: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT WDLNS: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT LASSY: MAX 210 KIAS.
CHART NOTE: FOR INOPERATIVE ALS INCREASE RNP 0.13 ALL CATS VISIBILITY TO RVR 4500, RNP 0.14 ALL CATS VISIBILITY TO RVR 5600, RNP 0.30 ALL CATS VISIBILITY TO 1 1/4 SM.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.

ADDITIONAL FLIGHT DATA:

ROUTE TYPE: A, H
ROUTE TYPE QUALIFIER 1: F
ROUTE TYPE QUALIFIER 2: S
CHART MANDATORY 8000 AT TTORO.
CHART MANDATORY 7000 AT WDLNS.
HOLD E, RT, 267.17 INBOUND

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.13 DA	383	4000	288	383	4000	288	383	4000	288	383	4000	288			
RNP 0.14 DA	441	4000	346	441	4000	346	441	4000	346	441	4000	346			
RNP 0.30 DA	492	4500	397	492	4500	397	492	4500	397	492	4500	397			



AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
GEORGE BUSH INTERCONTINENTAL/HOUSTON	KIAH	RNAV (RNP) Y RWY 8R	1B	HOUSTON	TX

CHANGES - REASONS

- 1. REMOVED INTERMEDIATE FROM HOWLN TO EELPO AND ALL ALTITUDES, AND ALL ASSOCIATED SPEED RESTRICTION NOTES - PER ATC/FPT SEGMENT NOT WITHIN CRITERIA
- 2. CHANGED CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 8L AND RWY 9 TO CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED - IAW 8260.19H PARA 8-6-9P
- 3. REMOVED CHART NOTE: GPS REQUIRED AND CHART IN PLANVIEW NOTE: RADAR REQUIRED FOR ARRIVALS AT LASSY - NOTES NO LONGER REQUIRED
- 4. CHANGED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT TO CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}-IAW 8260.19H PARA 8-6-9M(1)
- 5. CHANGED RNP 0.30 DA FROM 4200 TO 4500 - USING NEXT REPORTABLE VALUE ABOVE WHAT IS CURRENTLY PUBLISHED



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU, HOUSTON APP CON, IAH TOWER, AMGR

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017.

DEVELOPED BY

ROSE BOONE
Digitally signed by ROSE BOONE
Jun 05, 2018

APPROVED BY

JULIE MORGAN

OFFICE

OFFICE

AJV-5421

OFFICE

AJV-5420

DATE

DATE

04/13/2018

DATE

Digitally signed by
ROBERT G HAMILTON
Jun 12, 2018

Digitally signed by
ROBERT G HAMILTON
Jun 12, 2018

TITLE

MANAGER

