

**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 ID</u> KIAH	<u>PROCEDURE NAME</u> RNAV (RNP) Y RWY 26L	<u>ORIGINAL/AMENDMENT</u> ORIG-E	<u>CITY</u> HOUSTON	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 96	<u>TDZE</u> 95	<u>SUPERSEDED</u> RNAV (RNP) Y RWY 26L	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>DATED</u> 01/30/2020	<u>MAG VAR</u> 3E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MAY 2022	<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>
GARRR	IAF	VANNN		TF	FB	1.00	287.14	2.99	7000
BOZZZ	IAF	VANNN		TF	FB	1.00	247.53	2.89	7000
VANNN		MKAYE		TF	FB	1.00	267.21	4.99	7000
MKAYE	IAF	GRIEG		TF	FB	1.00	267.16	4.25	5000
GRIEG	IF	KERNS		TF	FB	1.00	267.12	7.22	3000
KERNS		TILRY		TF	FB	1.00	266.82	1.76	2600
TILRY		JEPNI	PFAF	TF	FB	1.00	267.21	2.31	2000
JEPNI	PFAF	RW26L	MAP	TF	FO	0.30	267.02	5.81	
RW26L	MAP	LUCEP		TF	FO	1.00	266.96	23.90	3000

MISSED APPROACH

MAP:

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 ON TRACK 266.96 TO LUCEP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT VANNN

3. FAC: 267.02

PFAF: JEPNI

DIST PFAF TO MAP:

DIST PFAF TO THLD:

4. MIN ALT: VANNN 7000, MKAYE 7000, GRIEG 5000, KERNS 3000, TILRY 2600, JEPNI 2000

5. DIST TO THLD FROM PFAF: 5.81

MM:

IM:

150 HAT:

319 HAT: 0.83

GS ANT:

6. MIN GP INCPT: 2000

GP ALT AT PFAF : JEPNI 2000

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 55.5

8. MSA FROM: RW26L 3100

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -3°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.13 ALL CATS VISIBILITY TO RVR 5100, AND RNP 0.30 ALL CATS VISIBILITY TO 1 1/2 SM.
CHART SPEED ICON IN PLANVIEW AT GARRR: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT BOZZZ: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 7000 AT GARRR
CHART MANDATORY 8000 AT BOZZZ
HOLD W, RT, 086.73 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	414	4000	319	414	4000	319	414	4000	319	414	4000	319			
RNP 0.30 DA	549	5500	454	549	5500	454	549	5500	454	549	5500	454			



CHANGES - REASONS

REASON FOR AMENDMENT - FIX NAME CHANGE FROM NEEKO TO TILRY DUE TO NAME DUPLICATION WITH NAVCANADA.

1. TERMINAL ROUTES: ALL INSTANCES OF FIX NAME NEEKO CHANGED TO TILRY
2. PROFILE: MIN ALT NEEKO 2600 CHANGED TO TILRY 2600.
3. UPDATED PBN REQUIREMENTS NOTE FROM RNP AR APCH TO RNP AR APCH - GPS, IN ACCORDANCE WITH 8260.19 8-6-8 B(1)

COORDINATED WITH:**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU, HOSTON APP CON, IAH TOWER, AMGR**FLIGHT CHECKED BY**PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021,
SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION**DEVELOPED BY**

RALPH P. MILLER

*Digitally signed by***PHILLIP MILLER**

7:24 am, Feb 09 2022

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JASON KRETSCHMER**

Feb 22, 2022

OFFICE*Digitally signed by***DATE****JASON KRETSCHMER**

Feb 22, 2022

OFFICE

AJV-A421

DATE

02/09/2022

OFFICE

AJV-A420

DATE**TITLE**

MANAGER

