

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD TERMINAL ARRIVAL (STAR)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.  
Distances are in nautical miles (NM). Graphic depictions attached.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
<b>TKNIQ (RNAV)</b>	<b>THREE</b>	<b>TKNIQ.TKNIQ3</b>	<b>TWO</b>	<b>11/10/2016</b>	<b>07 OCT 2021</b>

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
BBURT	BBURT.TKNIQ3	BBURT	BBURT						
			TKNIQ	271.05	46.59	8000	1400		

ARRIVAL ROUTE DESCRIPTION:

KHOU: FROM TKNIQ ON TRACK 300.68/13.25 TO DOCCC.

LANDING KHOU RWY 4: FROM DOCCC ON TRACK 302.42/12.92 TO FRDDY, THEN ON TRACK 289.49/14.90 TO FIGGG, THEN ON TRACK 255.46/5.40 TO SHUUG, THEN ON TRACK 222.00/2.00 TO EMARR, THEN ON TRACK 220.38. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KHOU RWY 13L/R: FROM DOCCC ON TRACK 302.42/12.92 TO FRDDY, THEN ON TRACK 289.49/14.90 TO FIGGG, THEN ON TRACK 278.49/8.59 TO IVEEE, THEN ON TRACK 280.34/4.57 TO VILLI, THEN ON TRACK 310.79/2.80 TO ALLLY, THEN ON TRACK 310.79. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KHOU RWY 22: FROM DOCCC ON TRACK 322.59/11.51 TO KEMAH, THEN ON TRACK 310.05. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KHOU RWY 31L/R: FROM DOCCC ON TRACK 288.38/11.08 TO MMOOW, THEN ON TRACK 273.70. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING KGLS/KSGR/KTME/KLBX/KAXH/KHPY/T41/KLVJ/54T/KIWS/T00/KEFD: FROM DOCCC ON TRACK 288.38/11.08 TO MMOOW, THEN ON TRACK 253.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: TURBOJET AND TURBOPROP AIRCRAFT ONLY

NOTE: ATC ASSIGNED ONLY FOR AIRCRAFT LANDING KHOU.

CHART: TKNIQ VERTICAL NAVIGATION PLANNING INFORMATION:

KHOU TURBOJETS: CROSS TKNIQ AT 250 KIAS. EXPECT CLEARANCE TO CROSS TKNIQ AT 12000.

SOUTH SATELLITE TURBOJETS: CROSS TKNIQ AT 280 KIAS, EXPECT CLEARANCE TO CROSS TKNIQ AT 12000.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT TKNIQ: HOLD E, LT, 271.05 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHART: HOUSTON APP CON

AIRPORTS SERVED:

WILLIAM P HOBBY, HOUSTON, TX (KHOU)

BAYTOWN, BAYTOWN, TX (KHPY)

CHAMBERS COUNTY, ANAHUAC, TX (T00)

ELLINGTON, HOUSTON, TX (KEFD)

HOUSTON EXEC, HOUSTON, TX (KTME)

HOUSTON-SOUTHWEST, HOUSTON, TX (KAXH)

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LA PORTE MUNI, LA PORTE, TX (T41)					
PEARLAND RGNL, HOUSTON, TX (KLVJ)					
RWJ AIRPARK, BAYTOWN, TX (54T)					
SCHOLES INTL AT GALVESTON, GALVESTON, TX (KGLS)					
SUGAR LAND RGNL, HOUSTON, TX (KSGR)					
TEXAS GULF COAST RGNL, ANGLETON/LAKE JACKSON, TX (KLBX)					
WEST HOUSTON, HOUSTON, TX (KIWS)					

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

ABBREVIATED AMDT; DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)

REFERENCE MAGNETIC VARIATION = KHOU 03E/2015

FLIGHT INSPECTED BY:

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT  
OPERATIONS GROUP (AJW-33) MEMO, APRIL 29, 2020

Organization

Date

*Digitally signed by*  
**DAVID DANNER**

May 21, 2021

Signature

*Digitally signed by*  
**DAVID DANNER**  
May 21, 2021

DEVELOPED BY:

Idalia Pulido, Support Manager, Airspace and Procedures  
Name

ATO-AJT-TCHU1-I90  
Organization

04/16/2021  
Date

*Digitally signed by* Signature

APPROVED BY:

PAT MULQUEEN, MANAGER  
Name

AJV-A440  
Organization

Date

**DAVID DANNER**  
May 21, 2021

Signature

CHANGES:

- 1.REMOVE RUNWAY 17/35 ARRIVAL ROUTE DESCRIPTION.
- 2.REMOVED MEA/MOCA DATA FROM COMMON ROUTE.
- 3.REFORMATTED RADAR REQUIRED, RNAV 1, DME/DME OR GPS REQUIRED NOTES TO CURRENT FORMAT.
- 4.REMOVED RECOMMENDED NAVAID FROM 17.2 FORM.

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REASONS:

- 1.RUNWAY DEACTIVATED.
- 2.NO LONGER REQUIRED IAW 8260.3D, 2-2-7E(3).
- 3.IAW 8260.19I, 4-5-3.
- 4.NO LONGER PUBLISHED.



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)

Arrival Name TKNIQ (RNAV)		Number THREE		STAR Computer Code TKNIQ.TKNIQ3		Superseded Number TWO		Dated 11/10/2016	Effective Date 07 OCT 2021
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
BBURT	291114.25N / 0933450.54W	Y		IF					BBURT.TKNIQ3
TKNIQ	291421.49N / 0942758.18W	Y	FB	TF	274.05	46.59			
Common Route									
TKNIQ	291421.49N / 0942758.18W	Y		IF					TKNIQ.TKNIQ3
DOCCC	292142.97N / 0944035.58W	Y	FB	TF	303.68	13.25			
Common Route									
DOCCC	292142.97N / 0944035.58W	Y		IF					TKNIQ.TKNIQ3
MMOOW	292545.30N / 0945224.19W	Y	FO	TF	291.38	11.08			
54T,KAXH,KEFD, KGLS,KHPY,KIWS, KLBX,KLVJ,KSGR, T00,T41,KTME				FM	256.00				
Runway Transition									
DOCCC	292142.97N / 0944035.58W	Y		IF					
FRDDY	292912.75N / 0945239.40W	Y	FB	TF	305.42	12.92			
FIGGG	293454.51N / 0950826.43W	Y	FB	TF	292.49	14.90			
SHUUG	293349.40N / 0951430.28W	Y	FB	TF	258.46	05.40			
EMARR	293224.33N / 0951607.56W	Y	FO	TF	225.00	02.00			
KHOU:RWY 4				FM	223.38				
Runway Transition									
DOCCC	292142.97N / 0944035.58W	Y		IF					
FRDDY	292912.75N / 0945239.40W	Y	FB	TF	305.42	12.92			
FIGGG	293454.51N / 0950826.43W	Y	FB	TF	292.49	14.90			
IVEEE	293637.09N / 0951805.85W	Y	FB	TF	281.49	08.59			
VILLI	293740.49N / 0952312.28W	Y	FB	TF	283.34	04.57			

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
ALLLY	293937.02N / 0952531.48W	Y	FO	TF	313.79	02.80			
KHOU:RWY 13L,RWY 13R				FM	313.79				

**Runway Transition**

DOCCC	292142.97N / 0944035.58W	Y		IF					
KEMAH	293113.98N / 0944802.85W	Y	FO	TF	325.59	11.51			
KHOU:RWY 22				FM	313.05				

**Runway Transition**

DOCCC	292142.97N / 0944035.58W	Y		IF					
MMOOW	292545.30N / 0945224.19W	Y	FO	TF	291.38	11.08			
KHOU:RWY 31L,RWY 31R				FM	276.70				