

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.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

Arrival Name HTOWN (RNAV)	Number THREE	STAR Computer Code GMANN.HTOWN3	Superseded Number TWO	Dated 01/08/2015	Effective Date 05 OCT 2023				
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
CORPUS CHRISTI	CRP.HTOWN3	CRP VORTAC	CRP VORTAC						
			LMEDA	035.43	43.00	11000	2100		
			ALIEF	035.67	16.98	11000	2100		AT/ABOVE FL240
			BIGTX	035.78	10.33	9000	2100		
			ALVNN	017.44	30.64	9000	2100		
			CATTT	023.26	11.03	8000	2000		AT/ABOVE 14000
			GMANN	049.57	07.87	7000	2000		BETWEEN 13000 AND 16000
LMEDA	LMEDA.HTOWN3	LMEDA	LMEDA						
			ALIEF	035.67	16.98	11000	2100		AT/ABOVE FL240
			BIGTX	035.78	10.33	9000	2100		
			ALVNN	017.44	30.64	9000	2100		
			CATTT	023.26	11.03	8000	2000		AT/ABOVE 14000
			GMANN	049.57	07.87	7000	2000		BETWEEN 13000 AND 16000
NEHOW	NEHOW.HTOWN3	NEHOW	NEHOW						
			BRRNS	037.16	39.10	9000	2200		AT/ABOVE FL240
			CHEAP	037.19	23.32	9000	2200		AT/ABOVE FL230
			CATTT	038.47	27.77	8000	2000		AT/ABOVE 14000
			GMANN	049.57	07.87	7000	2000		BETWEEN 13000 AND 16000
SAN ANTONIO	SAT.HTOWN3	SAT VORTAC	SAT VORTAC						
			KATYY	089.27	76.03	9000	2900		AT/ABOVE FL240
			GMANN	089.99	42.44	7000	2000		BETWEEN 13000 AND 16000
WEMAR	WEMAR.HTOWN3	WEMAR	WEMAR						
			GMANN	095.93	42.98	7000	2000		BETWEEN 13000 AND 16000
YEEHA	YEEHA.HTOWN3	YEEHA	YEEHA						
			CHEAP	053.21	60.03	9000	2200		AT/ABOVE FL230
			CATTT	038.47	27.77	8000	2000		AT/ABOVE 14000
			GMANN	049.57	07.87	7000	2000		BETWEEN 13000 AND 16000

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
HTOWN (RNAV)	THREE	GMANN.HTOWN3	TWO	01/08/2015	05 OCT 2023

ARRIVAL ROUTE DESCRIPTION:

FROM GMANN ON TRACK 040.34/14.22 TO CROSS HTOWN AT 9000 AND AT 240 KIAS, THEN ON TRACK 031.21/10.83 TO CROSS WDLNS AT 7000 AND AT 210 KIAS. EXPECT ILS OR LOC RWY 08R.

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: JET AND TURBOPROP AIRCRAFT ONLY

NOTE: EXPECT RUNWAY ASSIGNMENT FROM HOUSTON TRACON UPON INITIAL CONTACT.

NOTE: CORRESPONDING RNAV STAR IS TEJAS. EXPECT TEJAS WHEN KIAH IS LANDING WEST.

NOTE: JET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL 280 KIAS, IF UNABLE, ADVISE ATC.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT BRRNS: HOLD SW, LT, 037.16 INBOUND, 10 NM LEGS.

CHART HOLDING AT CATTT: HOLD SW, LT, 038.47 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHART: HOU APP CON

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KIAH	HOUSTON	TX

LOST COMMUNICATIONS PREFERENCES:**REMARKS:****ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0)

MAG VAR: KIAH 03E/2015

CHART AT WDLNS TERMINUS: KIAH LDG RWY 8R.



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Arrival Name HTOWN (RNAV)	Number THREE	STAR Computer Code GMANN.HTOWN3	Superseded Number TWO	Dated 01/08/2015 <i>Digitally signed by</i>	Effective Date 05 OCT 2023
FLIGHT INSPECTED BY: JEFFREY A FINDLEY	ORGANIZATION: FPO	DATE: 06/29/2023	Flight Inspected Signature:	ALLAN WILL Jun 30, 2023 <i>Digitally signed by</i>	
DEVELOPED BY: JILL BOUTOT, SUPPORT MANAGER, AIRSPACE AND PROCEDURES, HOUSTON/GULF COAST DISTRICT	AJT-TCHU1-ZHU		Developed By Signature:	ALLAN WILL Jun 30, 2023 <i>Digitally signed by</i>	
APPROVED BY: ALLAN WILL	AJV-A423		Approved By Signature:	ALLAN WILL Jun 30, 2023	

CHANGES:

1. REMOVE SMAKR ENROUTE TRANSITION.
2. ADDED WEMAR ENROUTE TRANSITION.
3. MOCAS REVISED.
4. CHANGED NOTE: FROM TURBOJET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL INTERCEPTING 280K. MAINTAIN 280K UNTIL SLOWED BY THE STAR TO JET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL 280 KIAS, IF UNABLE, ADVISE ATC.
5. CHANGED CHART AT WDLNS TERMINUS LDG KIAH RWY 8R TO CHART AT WDLNS TERMINUS KIAH LDG RWY 8R.

REASONS:

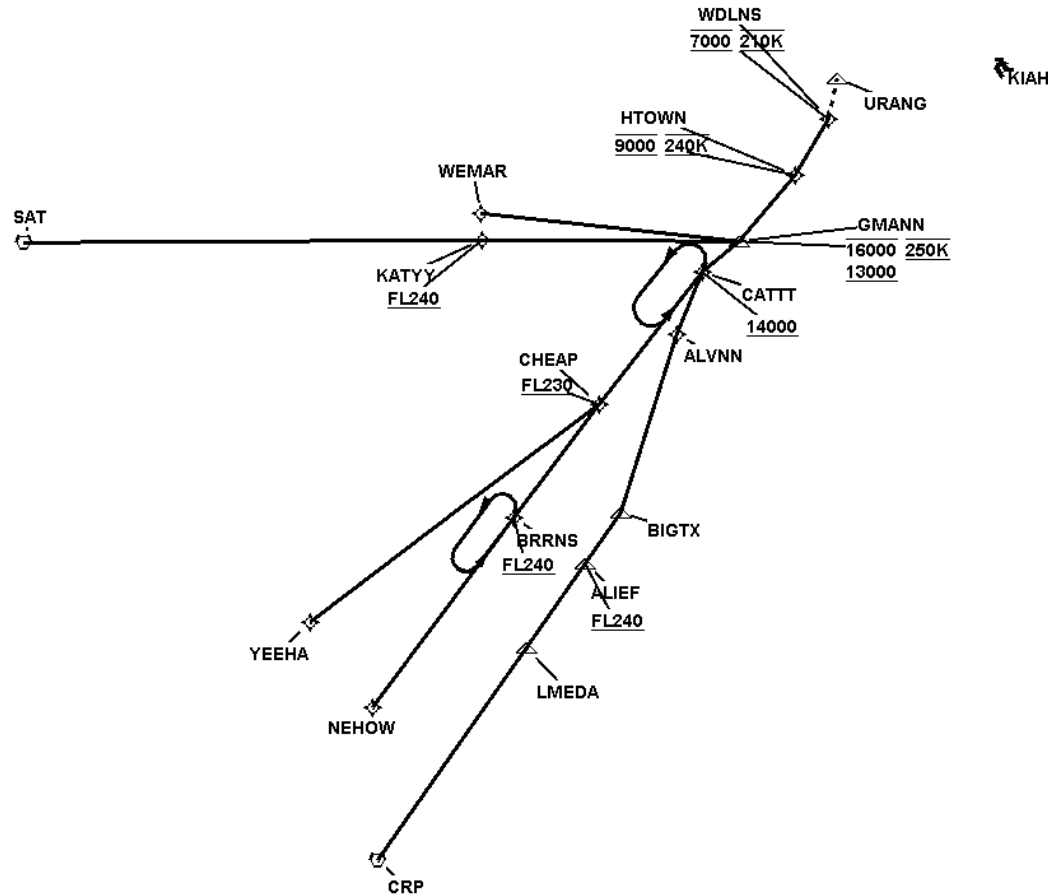
- 1-2. ATC REQUESTED.
3. IAW 8260.3E 2-2-7d(3).
4. IAW 8260.19I 4-5-2f.
5. IAW 8260-19I 4-5-2h(2).



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Graphic Depiction 1					



QUALITY
35
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name HTOWN (RNAV)		Number THREE		STAR Computer Code GMANN.HTOWN3		Superseded Number TWO		Dated 01/08/2015	Effective Date 05 OCT 2023
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
CRP VORTAC	275413.56N / 0972641.57W	Y		IF					CRP.HTOWN3
LMEDA	282756.74N / 0965622.09W	Y	FB	TF	038.43	43.00			
ALIEF	284113.74N / 0964418.32W	Y	FB	TF	038.67	16.98	AT/ABOVE FL240		
BIGTX	284917.82N / 0963656.48W	Y	FB	TF	038.78	10.33			
ALVNN	291804.42N / 0962442.05W	Y	FB	TF	020.44	30.64			
CATTT	292759.39N / 0961906.50W	Y	FB	TF	026.26	11.03	AT/ABOVE 14000		
GMANN	293246.74N / 0961156.88W	Y	FB	TF	052.57	07.87	13000B16000	AT 250K	
En Route Transition									
LMEDA	282756.74N / 0965622.09W	Y		IF					LMEDA.HTOWN3
ALIEF	284113.74N / 0964418.32W	Y	FB	TF	038.67	16.98	AT/ABOVE FL240		
BIGTX	284917.82N / 0963656.48W	Y	FB	TF	038.78	10.33			
ALVNN	291804.42N / 0962442.05W	Y	FB	TF	020.44	30.64			
CATTT	292759.39N / 0961906.50W	Y	FB	TF	026.26	11.03	AT/ABOVE 14000		
GMANN	293246.74N / 0961156.88W	Y	FB	TF	052.57	07.87	13000B16000	AT 250K	
En Route Transition									
NEHOW	281924.28N / 0972603.86W	Y		IF					NEHOW.HTOWN3
BRRNS	284919.14N / 0965721.31W	Y	FB	TF	040.16	39.10	AT/ABOVE FL240		
CHEAP	290709.50N / 0964010.54W	Y	FB	TF	040.19	23.32	AT/ABOVE FL230		
CATTT	292759.39N / 0961906.50W	Y	FB	TF	041.47	27.77	AT/ABOVE 14000		
GMANN	293246.74N / 0961156.88W	Y	FB	TF	052.57	07.87	13000B16000	AT 250K	
En Route Transition									
SAT VORTAC	293838.51N / 0982740.74W	Y		IF					SAT.HTOWN3
KATYY	293508.70N / 0970032.35W	Y	FB	TF	092.27	76.03	AT/ABOVE FL240		
GMANN	293246.74N / 0961156.88W	Y	FB	TF	092.99	42.44	13000B16000	AT 250K	

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Arrival Name HTOWN (RNAV)	Number THREE	STAR Computer Code GMANN.HTOWN3		Superseded Number TWO		Dated 01/08/2015	Effective Date 05 OCT 2023		
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
En Route Transition									
WEMAR	293937.15N / 0970037.45W	Y		IF					WEMAR.HTOWN3
GMANN	293246.74N / 0961156.88W	Y	FB	TF	098.93	42.98	13000B16000	AT 250K	
En Route Transition									
YEEHA	283353.07N / 0973708.05W	Y		IF					YEEHA.HTOWN3
CHEAP	290709.50N / 0964010.54W	Y	FB	TF	056.21	60.03	AT/ABOVE FL230		
CATTT	292759.39N / 0961906.50W	Y	FB	TF	041.47	27.77	AT/ABOVE 14000		
GMANN	293246.74N / 0961156.88W	Y	FB	TF	052.57	07.87	13000B16000	AT 250K	
Common Route									
GMANN	293246.74N / 0961156.88W	Y		IF			13000B16000	AT 250K	GMANN.HTOWN3
HTOWN	294308.43N / 0960044.28W	Y	FB	TF	043.34	14.22	AT 9000	AT 240K	
WDLNS	295206.91N / 0955344.04W	Y	FB	TF	034.21	10.83	AT 7000	AT 210K	