

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.
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Arrival Name		Number	STAR Computer Code	Superseded Number	Dated	Effective Date
TEJAS (RNAV)		FIVE	GMANN.TEJAS5	FOUR	07/21/2016	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.TEJAS5	CRP VORTAC	CRP VORTAC			
			LMEDA	035.43	43.00	11000 2200
			ALIEF	035.67	16.98	11000 2200 AT/ABOVE FL240
			BIGTX	035.78	10.33	9000 2200
			ALVNN	017.44	30.64	9000 2200
			CATTT	023.26	11.03	8000 2200 AT/ABOVE FL190
			GMANN	049.57	07.87	7000 2200 BETWEEN 16000 AND FL190
LMEDA	LMEDA.TEJAS5	LMEDA	LMEDA			
			ALIEF	035.67	16.98	11000 2200 AT/ABOVE FL240
			BIGTX	035.78	10.33	9000 2200
			ALVNN	017.44	30.64	9000 2200
			CATTT	023.26	11.03	8000 2200 AT/ABOVE FL190
			GMANN	049.57	07.87	7000 2200 BETWEEN 16000 AND FL190
NEHOW	NEHOW.TEJAS5	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 2200 AT/ABOVE FL190
			GMANN	049.57	07.87	7000 2200 BETWEEN 16000 AND FL190
SAN ANTONIO	SAT.TEJAS5	SAT VORTAC	SAT VORTAC			
			KATYY	089.27	76.03	9000 2900 AT/ABOVE FL240
			GMANN	089.99	42.44	7000 2200 BETWEEN 16000 AND FL190
WEMAR	WEMAR.TEJAS5	WEMAR	WEMAR			
			GMANN	095.93	42.98	7000 2200 BETWEEN 16000 AND FL190
YEEHA	YEEHA.TEJAS5	YEEHA	YEEHA			
			CHEAP	053.21	60.03	9000 2200 AT/ABOVE FL230
			CATTT	038.47	27.77	8000 2200 AT/ABOVE FL190
			GMANN	049.57	07.87	7000 2200 BETWEEN 16000 AND FL190

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TEJAS (RNAV)	FIVE	GMANN.TEJAS5	FOUR	07/21/2016	05 OCT 2023

ARRIVAL ROUTE DESCRIPTION:

FROM GMANN ON TRACK 058.43/8.00 TO CROSS CITTE AT OR BELOW 16000, THEN ON TRACK 058.50/9.62 TO CROSS TEJAS BETWEEN 12000 AND 14000 AND AT 250 KIAS.

LANDING RWY 26L: FROM TEJAS ON TRACK 058.57/11.79 TO CROSS RIDLR AT OR BELOW 10000, THEN ON TRACK 058.68/8.36 TO CROSS BEEEP AT OR BELOW 8000, THEN ON TRACK 058.86/5.81 TO CROSS HOWLN AT 6000 AND AT 240 KIAS, THEN ON TRACK 087.13/9.47 TO SMOCR, THEN ON TRACK 087.21/4.84 TO CROSS PRAYY AT 6000 AND AT 210 KIAS, THEN ON TRACK 087.21. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 26R: FROM TEJAS ON TRACK 058.57/11.79 TO CROSS RIDLR AT OR BELOW 10000, THEN ON TRACK 058.68/8.36 TO CROSS BEEEP AT OR BELOW 8000, THEN ON TRACK 058.86/5.81 TO CROSS HOWLN AT 6000 AND AT 240 KIAS, THEN ON TRACK 034.23/15.05 TO ZOEER, THEN ON TRACK 086.70/3.30 TO CROSS SKLER AT 6000 AND AT 210 KIAS, THEN ON TRACK 086.70. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 27: FROM TEJAS ON TRACK 058.57/11.79 TO CROSS RIDLR AT OR BELOW 10000, THEN ON TRACK 058.68/8.36 TO CROSS BEEEP AT OR BELOW 8000, THEN ON TRACK 058.86/5.81 TO CROSS HOWLN AT 6000 AND AT 240 KIAS, THEN ON TRACK 087.13/4.82 TO SHIVV, THEN ON TRACK 087.17/4.64 TO SMOCR, THEN ON TRACK 087.21/4.84 TO CROSS PRAYY AT 6000 AND AT 210 KIAS, THEN ON TRACK 087.21. 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: JET AND TURBOPROP AIRCRAFT ONLY

NOTE: FLY THE RWY 27 TRANSITION; HOUSTON APPROACH CONTROL MAY ASSIGN A DIFFERENT TRANSITION ON INITIAL CONTACT.

NOTE: CORRESPONDING RNAV STAR IS HTOWN. EXPECT HTOWN WHEN KIAH IS LANDING EAST.

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:**

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TEJAS (RNAV)	FIVE	GMANN.TEJAS5	FOUR	07/21/2016	05 OCT 2023

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
MAG VAR: KIAH 03E/2015
CHART AT PRAYY TERMINUS: KIAH LDG RWY 26L, 27
CHART AT SKLER TERMINUS: KIAH LDG RWY 26R

Digitally signed by

ALLAN WILL

Jun 30, 2023

FLIGHT INSPECTED BY:

JEFFREY A FINDLEY

ORGANIZATION:

FPO

DATE:

06/29/2023

Flight Inspected Signature: _____

Digitally signed by

ALLAN WILL

Jun 30, 2023

DEVELOPED BY:

JILL BOUTOT, SUPPORT MANAGER, AIRSPACE AND
PROCEDURES, HOUSTON/GULF COAST DISTRICT

AJT-TCHU1-ZHU

Developed By Signature: _____

Digitally signed by

ALLAN WILL

Jun 30, 2023

APPROVED BY:

ALLAN WILL

AJV-A423

Approved By Signature: _____

CHANGES:

1. CHANGED CROSS TEJAS ALTITUDE AT OR ABOVE 12000FT MSL TO CROSS TEJAS BLOCK ALTITUDE BETWEEN 12000FT MSL AND 14000FT MSL.
2. REMOVED SMAKR ENROUTE TRANSITION.
3. ADDED WEMAR ENROUTE TRANSITION.
4. MOCAS REVISED.
5. CHANGED NOTE: 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.
6. UPDATED NOTE FROM IAH TO READ KIAH.

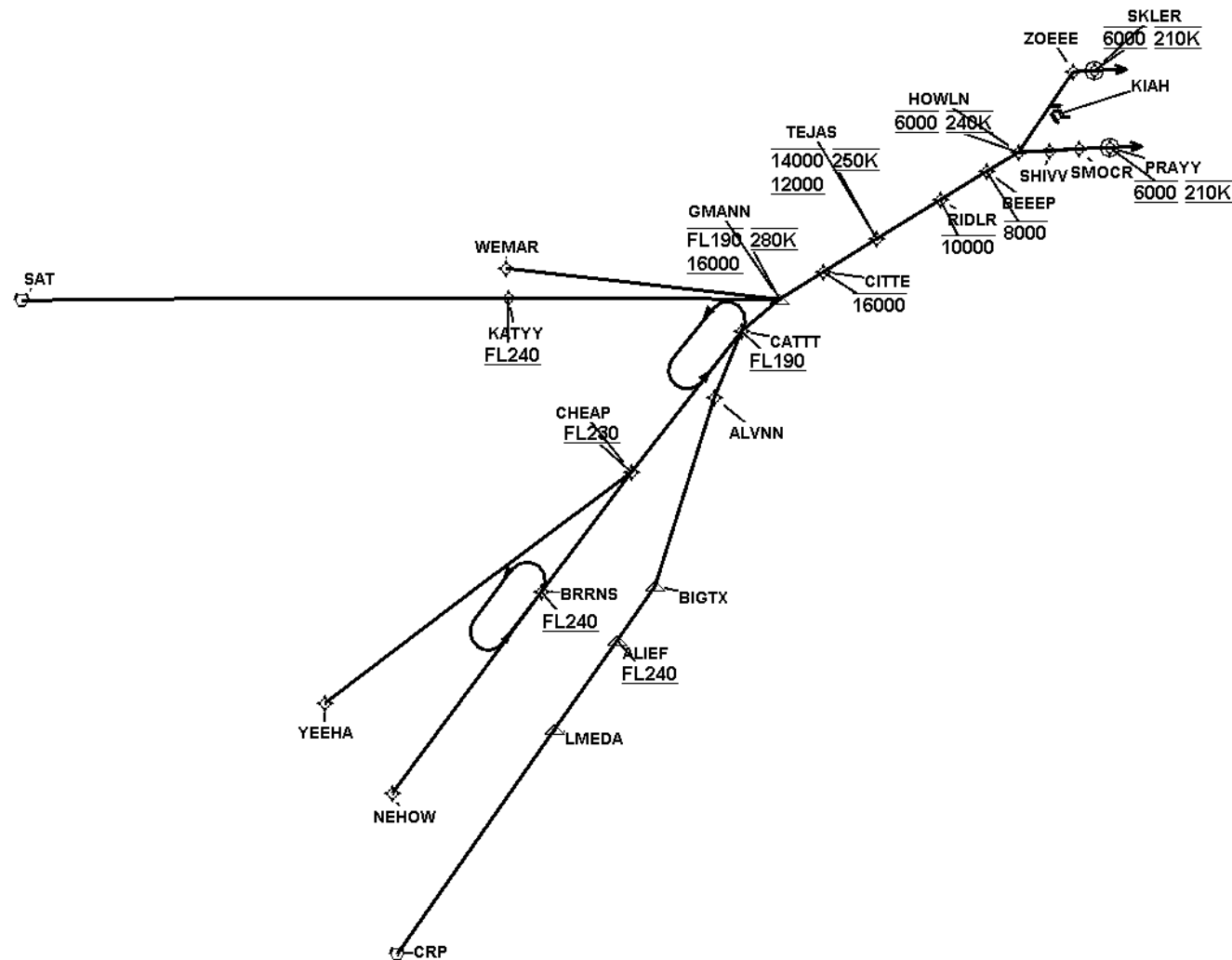
REASONS:

- 1-3. ATC REQUESTED.
4. 8260.3E 2-2-7d(3).
5. IAW 8260.19I 4-5-2f.
6. IAW 8260.19I 4-5-12g.

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TEJAS (RNAV)	FIVE	GMANN.TEJAS5	FOUR	07/21/2016	05 OCT 2023
Graphic Depiction 1					



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)**

Arrival Name TEJAS (RNAV)	Number FIVE	STAR Computer Code GMANN.TEJAS5		Superseded Number FOUR		Dated 07/21/2016	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									
CRP VORTAC	275413.56N / 0972641.57W	Y		IF					CRP.TEJAS5
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 FL190		
GMANN	293246.74N / 0961156.88W	Y	FB	TF	052.57	07.87	16000BFL190	AT 280K	
En Route Transition									
LMEDA	282756.74N / 0965622.09W	Y		IF					LMEDA.TEJAS5
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 FL190		
GMANN	293246.74N / 0961156.88W	Y	FB	TF	052.57	07.87	16000BFL190	AT 280K	
En Route Transition									
NEHOW	281924.28N / 0972603.86W	Y		IF					NEHOW.TEJAS5
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 FL190		
GMANN	293246.74N / 0961156.88W	Y	FB	TF	052.57	07.87	16000BFL190	AT 280K	
En Route Transition									
SAT VORTAC	293838.51N / 0982740.74W	Y		IF					SAT.TEJAS5
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	16000BFL190	AT 280K	

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Arrival Name TEJAS (RNAV)	Number FIVE	STAR Computer Code GMANN.TEJAS5		Superseded Number FOUR		Dated 07/21/2016	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.TEJAS5
GMANN	293246.74N / 0961156.88W	Y	FB	TF	098.93	42.98	16000BFL190	AT 280K	
En Route Transition									
YEEHA	283353.07N / 0973708.05W	Y		IF					YEEHA.TEJAS5
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 FL190		
GMANN	293246.74N / 0961156.88W	Y	FB	TF	052.57	07.87	16000BFL190	AT 280K	
Common Route									
GMANN	293246.74N / 0961156.88W	Y		IF			16000BFL190	AT 280K	GMANN.TEJAS5
CITTE	293636.60N / 0960353.26W	Y	FB	TF	061.43	08.00	AT/BELOW 16000		
TEJAS	294112.26N / 0955410.95W	Y	FB	TF	061.50	09.62	12000B14000	AT 250K	
Runway Transition									
TEJAS	294112.26N / 0955410.95W	Y		IF			12000B14000	AT 250K	
RIDLR	294649.23N / 0954216.22W	Y	FB	TF	061.57	11.79	AT/BELOW 10000		
BEEEP	295047.39N / 0953348.77W	Y	FB	TF	061.68	08.36	AT/BELOW 8000		
HOWLN	295332.21N / 0952754.90W	Y	FB	TF	061.86	05.81	AT 6000	AT 240K	
SMOCR	295330.49N / 0951701.42W	Y	FB	TF	090.13	09.47			
PRAYY	295329.33N / 0951127.36W	Y	FO	TF	090.21	04.84	AT 6000	AT 210K	
KIAH:RWY 26L				FM	090.21				
Runway Transition									
TEJAS	294112.26N / 0955410.95W	Y		IF			12000B14000	AT 250K	
RIDLR	294649.23N / 0954216.22W	Y	FB	TF	061.57	11.79	AT/BELOW 10000		
BEEEP	295047.39N / 0953348.77W	Y	FB	TF	061.68	08.36	AT/BELOW 8000		
HOWLN	295332.21N / 0952754.90W	Y	FB	TF	061.86	05.81	AT 6000	AT 240K	
ZOEEO	300532.56N / 0951725.16W	Y	FB	TF	037.23	15.05			

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Arrival Name TEJAS (RNAV)	Number FIVE	STAR Computer Code GMANN.TEJAS5		Superseded Number FOUR		Dated 07/21/2016	Effective Date 05 OCT 2023		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
SKLER	300533.56N / 0951337.25W	Y	FO	TF	089.70	03.30	AT 6000	AT 210K	
KIAH:RWY 26R				FM	089.70				
Runway Transition									
TEJAS	294112.26N / 0955410.95W	Y		IF			12000B14000	AT 250K	
RIDLR	294649.23N / 0954216.22W	Y	FB	TF	061.57	11.79	AT/BELOW 10000		
BEEEP	295047.39N / 0953348.77W	Y	FB	TF	061.68	08.36	AT/BELOW 8000		
HOWLN	295332.21N / 0952754.90W	Y	FB	TF	061.86	05.81	AT 6000	AT 240K	
SHIVV	295331.44N / 0952221.90W	Y	FB	TF	090.13	04.82			
SMOCR	295330.49N / 0951701.42W	Y	FB	TF	090.17	04.64			
PRAYY	295329.33N / 0951127.36W	Y	FO	TF	090.21	04.84	AT 6000	AT 210K	
KIAH:RWY 27				FM	090.21				