

US DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**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 depiction attached.

Arrival Name TEJAS RNAV			Number FOUR	STAR Computer Code GMANN.TEJAS4	Superseded Number THREE			Dated 08 JAN 2015	Effective Date
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
<b>TRANSITION ROUTES:</b>									
CORPUS CHRISTI	CRP.TEJAS4	CRP VORTAC	CRP VORTAC						
			LMEDA	35.43	43.00	11000	1500		
			ALIEF	35.67	16.98	11000	1500		AT/ABOVE FL240
			BIGTX	35.78	10.33	9000	2100		
			ALVNN	17.44	30.64	9000	2100		
			CATTT	23.26	11.03	8000	1700		AT/ABOVE FL190
			GMANN	49.57	07.87	7000	1500		BETWEEN 16000 AND FL190
LMEDA	LMEDA.TEJAS4	LMEDA	LMEDA						
			ALIEF	35.67	16.98	9000	1500		AT/ABOVE FL240
			BIGTX	35.78	10.33	9000	2100		
			ALVNN	17.44	30.64	9000	2100		
			CATTT	23.26	11.03	8000	1700		AT/ABOVE FL190
			GMANN	49.57	07.87	7000	1500		BETWEEN 16000 AND FL190
NEHOW	NEHOW.TEJAS4	NEHOW	NEHOW						
			BRRNS	37.16	39.10	9000	1700		AT/ABOVE FL240
			CHEAP	37.19	23.32	9000	1600		AT/ABOVE FL230
			CATTT	38.47	27.77	8000	1600		AT/ABOVE FL190
			GMANN	49.57	07.87	7000	1500		BETWEEN 16000 AND FL190
SAN ANTONIO	SAT.TEJAS4	SAT VORTAC	SAT VORTAC						
			KATYY	89.27	76.03	9000	2900		AT/ABOVE FL240
			GMANN	89.99	42.44	7000	1700		BETWEEN 16000 AND FL190
SMAKR	SMAKR.TEJAS4	SMAKR	SMAKR						

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Arrival Name			Number	STAR Computer Code		Superseded Number			Dated	Effective Date
<b>TEJAS RNAV</b>			<b>FOUR</b>	<b>GMANN.TEJAS4</b>		<b>THREE</b>			<b>08 JAN 2015</b>	
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes	
			<b>GMANN</b>	<b>94.71</b>	<b>63.30</b>	<b>7000</b>	<b>2000</b>		<b>BETWEEN 16000 AND FL190</b>	
<b>YEEHA</b>	<b>YEEHA.TEJAS4</b>	<b>YEEHA WP</b>	<b>YEEHA</b>							
			<b>CHEAP</b>	<b>53.21</b>	<b>60.03</b>	<b>9000</b>	<b>2200</b>		<b>AT/ABOVE FL230</b>	
			<b>CATTT</b>	<b>38.47</b>	<b>27.77</b>	<b>8000</b>	<b>1600</b>		<b>AT/ABOVE FL190</b>	
			<b>GMANN</b>	<b>49.57</b>	<b>07.87</b>	<b>7000</b>	<b>1500</b>		<b>BETWEEN 16000 AND FL190</b>	

**ARRIVAL ROUTE DESCRIPTION:**

FROM GMANN ON TRACK 058.43/8.00 NM TO CROSS CITTE AT OR BELOW 16000 (MEA 7000/MOCA 1600), THEN ON TRACK 058.50/9.62 NM TO CROSS TEJAS AT OR ABOVE 12000, AT OR BELOW 14000 AND AT 250 KIAS (MEA 5000/MOCA 1600).

LANDING RWY 26L: FROM TEJAS ON TRACK 058.57/11.79 NM TO CROSS RIDLR AT OR BELOW 10000 (MEA 5000/MOCA 1500), THEN ON TRACK 058.68/8.36 NM TO CROSS BEEEP AT OR BELOW 8000 (MEA 4000/MOCA 1500), THEN ON TRACK 058.86/5.81 NM TO CROSS HOWLN AT 6000 AND AT 240 KIAS (MEA 4000/MOCA 2000), THEN ON TRACK 087.13/9.47 NM TO SMOCR (MEA 4000/MOCA 1700), THEN ON TRACK 087.21/4.84 NM TO CROSS PRAYY AT 6000 AND AT 210 KIAS (MEA 4000/MOCA 1600), THEN ON TRACK 087.21 EXPECT VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 26R: FROM TEJAS ON TRACK 058.57/11.79 NM TO CROSS RIDLR AT OR BELOW 10000 (MEA 5000/MOCA 1500), THEN ON TRACK 058.68/8.36 NM TO CROSS BEEEP AT OR BELOW 8000 (MEA 4000/MOCA 1500), THEN ON TRACK 058.86/5.81 NM TO CROSS HOWLN AT 6000 AND AT 240 KIAS (MEA 4000/MOCA 2000), THEN ON TRACK 034.23/15.05 NM TO ZOEER (MEA 4000/MOCA 1700), THEN ON TRACK 086.70/3.30 NM TO CROSS SKLER AT 6000 AND AT 210 KIAS (MEA 4000/MOCA 1700), THEN ON TRACK 086.70 EXPECT VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 27: FROM TEJAS ON TRACK 058.57/11.79 NM TO CROSS RIDLR AT OR BELOW 10000 (MEA 5000/MOCA 1500), THEN ON TRACK 058.68/8.36 NM TO CROSS BEEEP AT OR BELOW 8000 (MEA 4000/MOCA 1500), THEN ON TRACK 058.86/5.81 NM TO CROSS HOWLN AT 6000 AND AT 240 KIAS (MEA 4000/MOCA 2000), THEN ON TRACK 087.13/4.82 NM TO SHIVV (MEA 4000/MOCA 1700), THEN ON TRACK 087.17/4.64 NM TO SMOCR (MEA 4000/MOCA 1700), THEN ON TRACK 087.21/4.84 NM TO CROSS PRAYY AT 6000 AND AT 210 KIAS (MEA 4000/MOCA 1600), THEN ON TRACK 087.21 EXPECT VECTORS TO FINAL APPROACH COURSE.

**PROCEDURAL DATA NOTES:**

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: TURBOJET AND TURBOPROP AIRCRAFT ONLY.

NOTE: Fly the Runway 27 transition; Houston Approach control may assign a different transition on initial contact.

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

NOTE: Turbojet aircraft descend via mach number until intercepting 280 knots. Maintain 280 knots until slowed by the STAR.

**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:**

HOUSTON APP CON  
ATIS: IAH

**AIRPORTS SERVED:**

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
<b>TEJAS RNAV</b>	<b>FOUR</b>	<b>GMANN.TEJAS4</b>	<b>THREE</b>	<b>08 JAN 2015</b>	
GEORGE BUSH INTERCONTINENTAL/HOUSTON, HOUSTON, TX					

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

DME/DME ASSESSMENT: SAT (RNP 2.0).  
REFERENCE MAGNETIC VARIATION = KIAH 03E/2015

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
TEJAS RNAV	FOUR	GMANN.TEJAS4	THREE	08 JAN 2015	

**FLIGHT INSPECTED BY:**

Name	Organization	Date	Signature
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**DEVELOPED BY:**MIKE MCGHEE, SUPPORT MANAGER, OPERATIONS  
SUPPORT

ATO/CSB-ZHU

08/24/15

For

*Digitally signed by  
Patrick Mulqueen*

Name	Organization	Date	Signature
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**APPROVED BY:**

TONY R. LAWSON, MANAGER

AJV-5420

04/14/2016

For

*Digitally signed by  
Patrick Mulqueen*

Name	Organization	Date	Signature
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**CHANGES:**

1. Revise fix name GLAMM to RIDLR.

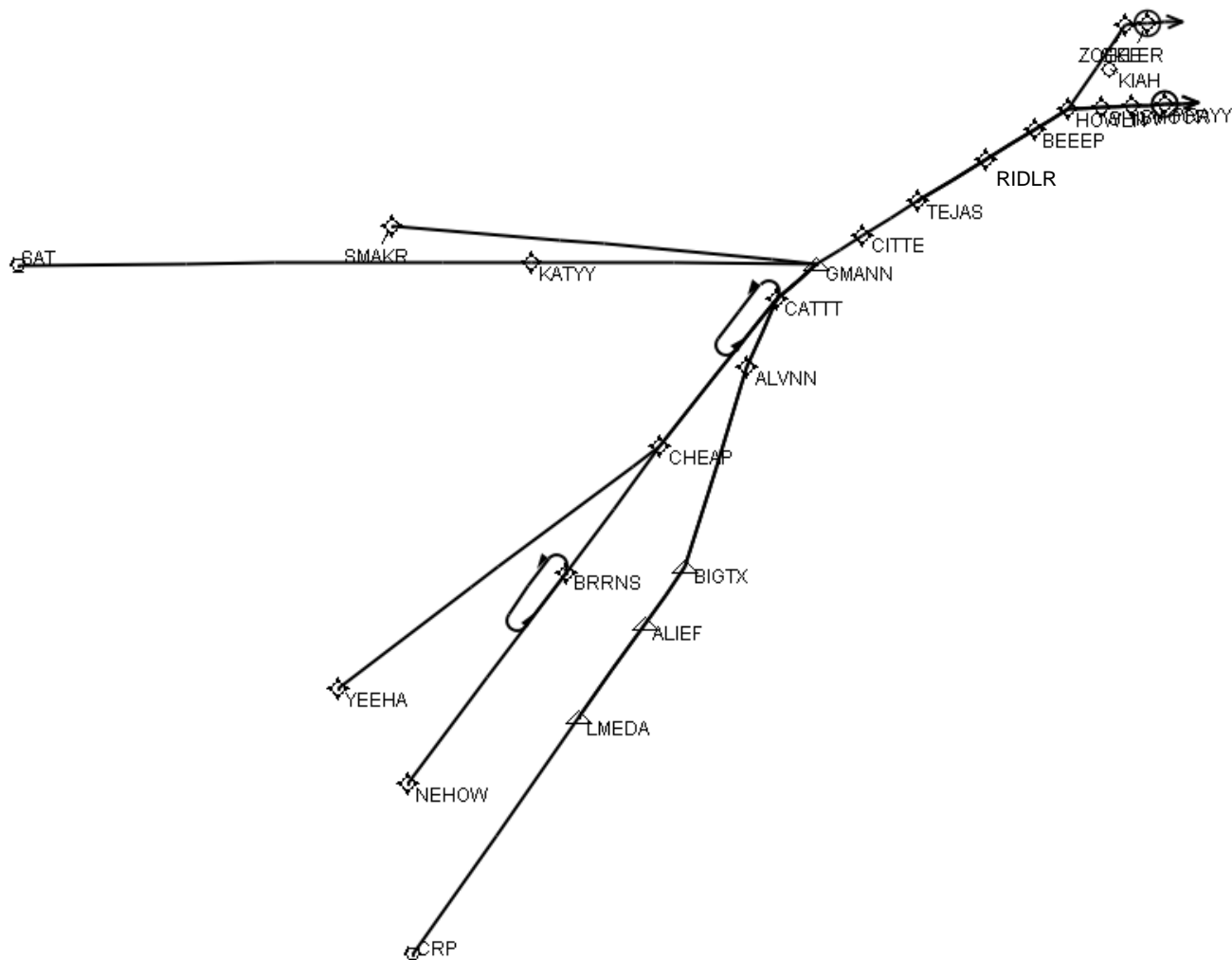
**REASONS:**

1. ATC REQUEST

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
TEJAS RNAV	FOUR	GMANN.TEJAS4	THREE	08 JAN 2015	
Graphic Depiction 1					



**STAR (DATA RECORD)**

Arrival Name		Number		STAR Computer Code		Superseded Number		Dated		Effective Date	
TEJAS RNAV		FOUR		GMANN.TEJAS4		THREE		08 JAN 2015			
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.TEJAS4		
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.TEJAS4		
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.TEJAS4		
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			

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**STAR (DATA RECORD)**

Arrival Name TEJAS RNAV	Number FOUR	STAR Computer Code GMANN.TEJAS4		Superseded Number THREE		Dated 08 JAN 2015		Effective Date	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
SAT VORTAC	293838.51N / 0982740.73W	Y		IF					SAT.TEJAS4
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	
En Route Transition									
SMAKR	294137.12N / 0972351.83W	Y		IF					SMAKR.TEJAS4
GMANN	293246.74N / 0961156.88W	Y	FB	TF	097.71	63.30	16000BFL190	AT 280K	
En Route Transition									
YEEHA	283353.07N / 0973708.05W	Y		IF					YEEHA.TEJAS4
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	TEJAS.TEJAS4
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		

QUALITY  
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## STAR (DATA RECORD)

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
TEJAS RNAV	FOUR	GMANN.TEJAS4	THREE	08 JAN 2015	

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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			
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				

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