

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
GESNR RNAV	ONE	ZEEKK.GESNR1			25 JUN 2015

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
ALEXANDRIA	AEX.GESNR1	AEX VORTAC	AEX VORTAC						
			EMGEE	244.85	74.05	12000	1800		AT/ABOVE FL240
			SCHEx	244.20	18.00	12000	1700		BETWEEN FL220 AND FL270
			ZEEKK	244.04	20.00	9000	1700		BETWEEN 17000 AND FL200
CARPR	CARPR.GESNR1	CARPR	CARPR						
			MURFF	209.01	17.98	12000	1700		BETWEEN FL220 AND FL270
			ZEEKK	208.95	20.02	9000	1900		BETWEEN 17000 AND FL200
PLANB	PLANB.GESNR1	PLANB	PLANB						
			CARPR	209.22	37.13	12000	1900		
			MURFF	209.01	17.98	12000	1700		BETWEEN FL220 AND FL270
			ZEEKK	208.95	20.02	9000	1900		BETWEEN 17000 AND FL200
SAWMILL	SWB.GESNR1	SWB VOR/DME	SWB VOR/DME						
			DLAKE	224.99	88.96	12000	2000		AT/ABOVE FL240
			DOOTL	224.31	18.45	12000	2000		BETWEEN FL220 AND FL270
			ZEEKK	224.23	20.01	9000	1700		BETWEEN 17000 AND FL200

ARRIVAL ROUTE DESCRIPTION:

FROM ZEEKK ON TRACK 228.83/12.93 TO CROSS GESNR AT OR ABOVE 13000, AT OR BELOW 16000 AND AT 280 KIAS (MEA 6000/MOCA 1600).

LANDING RWY 08L: FROM GESNR ON TRACK 225.94/10.55 TO CROSS KENNN AT OR ABOVE 10000, AT OR BELOW 11000 AND AT 250 KIAS (MEA 4000/MOCA 1600), THEN ON TRACK 227.30/14.95 TO CROSS KNGWD AT OR ABOVE 8000, AT OR BELOW 10000 AND AT 240 KIAS (MEA 4000/MOCA 1500), THEN ON TRACK 256.73/11.43 TO CROSS ZOEED AT 7000 AND AT 240 KIAS (MEA 4000/MOCA 1700), THEN ON TRACK 267.12/9.07 TO CROSS CASST AT 6000 AND AT 210 KIAS (MEA 4000/MOCA 1700), THEN ON TRACK 267.12. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 08R: FROM GESNR ON TRACK 225.94/10.55 TO CROSS KENNN AT OR ABOVE 10000, AT OR BELOW 11000 AND AT 250 KIAS (MEA 4000/MOCA 1600), THEN ON TRACK 227.30/14.95 TO CROSS KNGWD AT OR ABOVE 8000, AT OR BELOW 10000 AND AT 240 KIAS (MEA 4000/MOCA 1500), THEN ON TRACK 224.87/6.00 TO CROSS EDEED AT OR BELOW 8000 (MEA 4000/MOCA 1400), THEN ON TRACK 225.00/10.41 TO CROSS REAPR AT 6000 (MEA 4000/MOCA 1600), THEN ON TRACK 224.98/4.54 TO CROSS SHIVV AT 6000 AND AT 240 KIAS (MEA 4000/MOCA 1700), THEN ON TRACK 267.18/4.82 TO CROSS HOWLN AT 6000 AND AT 210 KIAS (MEA 4000/MOCA 1700), THEN ON TRACK 267.18. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 09: FROM GESNR ON TRACK 225.94/10.55 TO CROSS KENNN AT OR ABOVE 10000, AT OR BELOW 11000 AND AT 250 KIAS (MEA 4000/MOCA 1600), THEN ON TRACK 227.30/14.95 TO CROSS KNGWD AT OR ABOVE 8000, AT OR BELOW 10000 AND AT 240 KIAS (MEA 4000/MOCA 1500), THEN ON TRACK 224.87/6.00 TO CROSS EDEED AT OR BELOW 8000 (MEA 4000/MOCA 1400), THEN ON TRACK 225.00/10.41 TO CROSS REAPR AT 6000 (MEA 4000/MOCA 1600), THEN ON TRACK 224.98/4.54 TO CROSS SHIVV AT 6000 AND AT 240 KIAS (MEA 4000/MOCA 1700), THEN ON TRACK 267.18/4.82 TO CROSS HOWLN AT 6000 AND AT 210 KIAS (MEA 4000/MOCA 1700), THEN ON TRACK 267.18. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
GESNR RNAV	ONE	ZEEKK.GESNR1			25 JUN 2015

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: TURBOJET AND TURBOPROP AIRCRAFT ONLY.

NOTE: FLY THE RUNWAY 08L TRANSITION; HOUSTON APPROACH CONTROL MAY ASSIGN A DIFFERENT TRANSITION ON INITIAL CONTACT.

NOTE: CORRESPONDING RNAV STAR IS ZEEKK. EXPECT ZEEKK WHEN IAH IS LANDING WEST.

NOTE: EXCEPT FOR AIRCRAFT DEPARTING SHV, PLAN B TRANSITION IS ATC ASSIGNED ONLY; DO NOT FILE.

NOTE: CARPR TRANSITION IS ATC ASSIGNED ONLY; DO NOT FILE.

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 DLAKE (HOLD NE, RT, 224.99 INBOUND, 20 NM LEGS); CHART HOLDING AT ZEEKK (HOLD NE, RT, 224.23 INBOUND, 10 NM LEGS)

COMMUNICATIONS:

HOUSTON APP CON

ATIS: IAH

AIRPORTS SERVED:

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

US DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

STAR (DATA RECORD)

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
GESNR RNAV	ONE	ZEEKK.GESNR1			25 JUN 2015

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
AEX VORTAC	311524.22N / 0923003.51W	Y		IF					AEX.GESNR1
EMGEE	304700.71N / 0934941.12W	Y	FB	TF	247.85	74.05	AT/ABOVE FL240		
SCHEX	303959.73N / 0940855.50W	Y	FB	TF	247.20	18.00	FL220BFL270	AT 280K	
ZEEKK	303208.86N / 0943014.89W	Y	FB	TF	247.04	20.00	17000BFL200	AT 280K	
En Route Transition									
CARPR	310428.34N / 0940654.83W	Y		IF					CARPR.GESNR1
MURFF	304910.97N / 0941758.94W	Y	FB	TF	212.01	17.98	FL220BFL270	AT 280K	
ZEEKK	303208.86N / 0943014.89W	Y	FB	TF	211.95	20.02	17000BFL200	AT 280K	
En Route Transition									
PLANB	313559.26N / 0934351.54W	Y		IF					PLANB.GESNR1
CARPR	310428.34N / 0940654.83W	Y	FB	TF	212.22	37.13			
MURFF	304910.97N / 0941758.94W	Y	FB	TF	212.01	17.98	FL220BFL270	AT 280K	
ZEEKK	303208.86N / 0943014.89W	Y	FB	TF	211.95	20.02	17000BFL200	AT 280K	
En Route Transition									
SWB VOR/DME	315823.50N / 0924037.52W	Y		IF					SWB.GESNR1
DLAKE	305820.09N / 0935730.12W	Y	FB	TF	227.99	88.96	AT/ABOVE FL240		
DOOTL	304547.04N / 0941314.39W	Y	FB	TF	227.31	18.45	FL220BFL270	AT 280K	
ZEEKK	303208.86N / 0943014.89W	Y	FB	TF	227.23	20.01	17000BFL200	AT 280K	
Common Route									
ZEEKK	303208.86N / 0943014.89W	Y		IF			17000BFL200	AT 280K	ZEEKK.GESNR1
GESNR	302407.78N / 0944200.06W	Y	FB	TF	231.83	12.93	13000B16000	AT 280K	
Runway Transition									
GESNR	302407.78N / 0944200.06W	Y		IF			13000B16000	AT 280K	
KENNN	301710.80N / 0945111.19W	Y	FB	TF	228.94	10.55	10000B11000	AT 250K	

QUALITY
6
CHECKED

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GESNR RNAV	ONE	ZEEKK.GESNR1			25 JUN 2015

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
KNGWD	300735.81N / 0950426.99W	Y	FB	TF	230.30	14.95	8000B10000	AT 240K	
ZOEED	300532.56N / 0951725.16W	Y	FB	TF	259.73	11.43	AT 7000	AT 240K	
CASST	300533.25N / 0952752.48W	Y	FO	TF	270.12	09.07	AT 6000	AT 210K	
KIAH:RWY 08L				FM	270.12			AT 210K	RECOMMENDED NAVAID: AEX VORTAC

Runway Transition

GESNR	302407.78N / 0944200.06W	Y		IF			13000B16000	AT 280K	
KENNN	301710.80N / 0945111.19W	Y	FB	TF	228.94	10.55	10000B11000	AT 250K	
KNGWD	300735.81N / 0950426.99W	Y	FB	TF	230.30	14.95	8000B10000	AT 240K	
EDEED	300333.64N / 0950934.66W	Y	FB	TF	227.87	06.00	AT/BELOW 8000		
REAPR	295634.37N / 0951828.99W	Y	FB	TF	228.00	10.41	AT 6000		
SHIVV	295331.44N / 0952221.90W	Y	FB	TF	227.98	04.54	AT 6000	AT 240K	
HOWLN	295332.21N / 0952754.90W	Y	FO	TF	270.18	04.82	AT 6000	AT 210K	
KIAH:RWY 08R				FM	270.18			AT 210K	RECOMMENDED NAVAID: AEX VORTAC

Runway Transition

GESNR	302407.78N / 0944200.06W	Y		IF			13000B16000	AT 280K	
KENNN	301710.80N / 0945111.19W	Y	FB	TF	228.94	10.55	10000B11000	AT 250K	
KNGWD	300735.81N / 0950426.99W	Y	FB	TF	230.30	14.95	8000B10000	AT 240K	
EDEED	300333.64N / 0950934.66W	Y	FB	TF	227.87	06.00	AT/BELOW 8000		
REAPR	295634.37N / 0951828.99W	Y	FB	TF	228.00	10.41	AT 6000		
SHIVV	295331.44N / 0952221.90W	Y	FB	TF	227.98	04.54	AT 6000	AT 240K	
HOWLN	295332.21N / 0952754.90W	Y	FO	TF	270.18	04.82	AT 6000	AT 210K	
KIAH:RWY 09				FM	270.18			AT 210K	RECOMMENDED NAVAID: AEX VORTAC

