

04/05/2023
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Arrival Name BAYYY (RNAV)	Number FIVE	STAR Computer Code BAYYY.BAYYY5	Superseded Number FOUR	Dated 10/07/2021	Effective Date 20 APR 2023				
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
KCEEE	KCEEE.BAYYY5	KCEEE	KCEEE						
			SLYCE	272.07	28.86	12000	1400		
			GEEAR	272.11	45.83	8000	1400		
			SHUDL	270.64	18.69	8000	1400		
			BAYYY	271.21	06.82	8000	1400		BETWEEN 17000 AND FL200
KELPP	KELPP.BAYYY5	KELPP	KELPP						
			SHLLL	313.33	156.62	12000	1400		
			BAYYY	312.37	27.27	8000	1400		BETWEEN 17000 AND FL200
LEEVILLE	LEV.BAYYY5	LEV VORTAC	LEV VORTAC						
			KCEEE	269.45	124.14	12000	1700		
			SLYCE	272.07	28.86	12000	1400		
			GEEAR	272.11	45.83	8000	1400		
			SHUDL	270.64	18.69	8000	1400		
			BAYYY	271.21	06.82	8000	1400		BETWEEN 17000 AND FL200
PEGLG	PEGLG.BAYYY5	PEGLG	PEGLG						
			SHLLL	332.64	148.06	12000	1400		
			BAYYY	312.37	27.27	8000	1400		BETWEEN 17000 AND FL200
SEAGL	SEAGL.BAYYY5	SEAGL	SEAGL						
			SHLLL	352.31	150.50	12000	1400		
			BAYYY	312.37	27.27	8000	1400		BETWEEN 17000 AND FL200
SHLLL	SHLLL.BAYYY5	SHLLL	SHLLL						
			BAYYY	312.37	27.27	8000	1400		BETWEEN 17000 AND FL200
SEMMES	SJI.BAYYY5	SJI VORTAC	SJI VORTAC						
			SHREQ	248.36	56.30	12000	3100		
			JEPEG	247.93	170.14	12000	3100		
			SLYCE	247.71	30.97	12000	1400		

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			GEEAR	272.11	45.83	8000	1400			
			SHUDL	270.64	18.69	8000	1400			
			BAYYY	271.21	06.82	8000	1400		BETWEEN 17000 AND FL200	

ARRIVAL ROUTE DESCRIPTION:

FROM BAYYY ON TRACK 273.84/15.41 TO CROSS PUCKS BETWEEN 10000 AND 14000.

LANDING RWY 4: FROM PUCKS ON TRACK 289.88/12.20 TO CROSS FRDDY BETWEEN 8000 AND 10000 AND AT 240 KIAS, THEN ON TRACK 289.49/14.90 TO CROSS FIGGG BETWEEN 6000 AND 7000, THEN ON TRACK 255.46/5.40 TO CROSS SHUUG AT 6000 AND AT 210 KIAS, THEN ON TRACK 222.00/2.00 TO EMARR, THEN ON TRACK 222.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 13L/R: FROM PUCKS ON TRACK 289.88/12.20 TO CROSS FRDDY BETWEEN 8000 AND 10000 AND AT 240 KIAS, THEN ON TRACK 289.49/14.90 TO CROSS FIGGG BETWEEN 6000 AND 7000, THEN ON TRACK 278.49/8.59 TO CROSS IVEEE AT 6000 AND AT 210 KIAS, THEN ON TRACK 280.34/4.57 TO VILLI, THEN ON TRACK 310.79/2.80 TO ALLY, THEN ON TRACK 310.79. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES

RNAV 1 - DME/DME/IRU OR GPS

KELPP, PEGLG, AND SEAGL TRANSITIONS, RNAV 1- GPS.

EQUIPMENT REQUIREMENT NOTES

RADAR REQUIRED

PROCEDURAL DATA NOTES:

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

NOTE: FOR JET AND TURBOPROP AIRCRAFT CAPABLE OF 280 KIAS OR GREATER ONLY.

NOTE: JET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL INTERCEPTING 280 KIAS. MAINTAIN 280 KIAS UNTIL SLOWED BY THE STAR.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT GEEAR: HOLD E, LT, 272.11 INBOUND, 10 NM LEGS.

CHART HOLDING AT KCEEE: HOLD E, LT, 269.45 INBOUND, 10 NM LEGS.

CHART HOLDING AT LEV VORTAC: HOLD E, LT, 283.00 INBOUND, 10 NM LEGS.

CHART HOLDING AT SHLLL: HOLD SE, LT, 313.33 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHART: HOUSTON APP CON

AIRPORTS SERVED:

WILLIAM P HOBBY, HOUSTON, TX (KHOU)

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

MOCA'S OVER GULF OF MEXICO DERIVED USING MAXIMUM ELEVATION FIGURE 400 FEET FROM HOUSTON SECTIONAL AND OROCA 1400 FROM IFR ENROUTE LOW ALTITUDE - US CHART L-21 ABBREVIATED AMDT; DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
BAYYY (RNAV)	FIVE	BAYYY.BAYYY5	FOUR	10/07/2021	20 APR 2023

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
MAG VAR = KHOU 03E/2015 .

FLIGHT INSPECTED BY:

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR
PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION VALIDATION.

*Digitally signed by***DAVID DANNER**

Dec 19, 2022

Signature

*Digitally signed by***DAVID DANNER**

Dec 19, 2022

DEVELOPED BY:

Idalia Pulido, Support Manager, Airspace and Procedures

Name

ATO-AJT-TCHU1-I90

Organization

12/12/2022

Date

*Digitally signed by***DAVID DANNER**

Dec 19, 2022

Signature

Signature

APPROVED BY:

PAT MULQUEEN, MANAGER

Name

AJV-A440

Organization

Date

CHANGES:

1. CORRECTED PBN REQUIREMENTS NOTE FROM RNP 1-GPS TO RNAV 1-GPS.
2. SHREQ MOCA VALUE CHANGED FROM 1800 TO 3100.
3. CHANGED ALL INSTANCES OF THE WORD TURBOJET TO JET.

REASONS:

1. IAW 8260.19I, 4-5-3.
2. IAW 8260.3E, 2-2-7D(3).
3. IAW 8260.19I DOCUMENTATION STANDARDS.

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STAR (DATA RECORD)

Arrival Name BAYYY (RNAV)		Number FIVE		STAR Computer Code BAYYY.BAYYY5		Superseded Number FOUR		Dated 10/07/2021	Effective Date 20 APR 2023
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
KCEEE	291434.78N / 0922801.46W	Y		IF					KCEEE.BAYYY5
SLYCE	291704.22N / 0930053.89W	Y	FB	TF	275.07	28.86			
GEEAR	292059.37N / 0935307.72W	Y	FB	TF	275.11	45.83			
SHUDL	292208.95N / 0941428.73W	Y	FB	TF	273.64	18.69			
BAYYY	292238.83N / 0942215.95W	Y	FB	TF	274.21	06.82	17000BFL200	AT 280K	
En Route Transition									
KELPP	271032.13N / 0915657.34W	Y		IF					KELPP.BAYYY5
SHLLL	290313.14N / 0940020.14W	Y	FB	TF	316.33	156.62			
BAYYY	292238.83N / 0942215.95W	Y	FB	TF	315.37	27.27	17000BFL200	AT 280K	
En Route Transition									
LEV VORTAC	291030.83N / 0900614.47W	Y		IF					LEV.BAYYY5
KCEEE	291434.78N / 0922801.46W	Y	FB	TF	272.45	124.14			
SLYCE	291704.22N / 0930053.89W	Y	FB	TF	275.07	28.86			
GEEAR	292059.37N / 0935307.72W	Y	FB	TF	275.11	45.83			
SHUDL	292208.95N / 0941428.73W	Y	FB	TF	273.64	18.69			
BAYYY	292238.83N / 0942215.95W	Y	FB	TF	274.21	06.82	17000BFL200	AT 280K	
En Route Transition									
PEGLG	264816.03N / 0925039.96W	Y		IF					PEGLG.BAYYY5
SHLLL	290313.14N / 0940020.14W	Y	FB	TF	335.64	148.06			
BAYYY	292238.83N / 0942215.95W	Y	FB	TF	315.37	27.27	17000BFL200	AT 280K	
En Route Transition									
SEAGL	263249.18N / 0934618.37W	Y		IF					SEAGL.BAYYY5
SHLLL	290313.14N / 0940020.14W	Y	FB	TF	355.31	150.50			
BAYYY	292238.83N / 0942215.95W	Y	FB	TF	315.37	27.27	17000BFL200	AT 280K	

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
SHLLL	290313.14N / 0940020.14W	Y		IF					SHLLL.BAYYY5
BAYYY	292238.83N / 0942215.95W	Y	FB	TF	315.37	27.27	17000BFL200	AT 280K	
En Route Transition									
SJI VORTAC	304333.53N / 0882133.46W	Y		IF					SJI.BAYYY5
SHREQ	302516.56N / 0892315.24W	Y	FB	TF	251.36	56.30			
JEPEG	292723.91N / 0922728.10W	Y	FB	TF	250.93	170.14			
SLYCE	291704.22N / 0930053.89W	Y	FB	TF	250.71	30.97			
GEEAR	292059.37N / 0935307.72W	Y	FB	TF	275.11	45.83			
SHUDL	292208.95N / 0941428.73W	Y	FB	TF	273.64	18.69			
BAYYY	292238.83N / 0942215.95W	Y	FB	TF	274.21	06.82	17000BFL200	AT 280K	
Common Route									
BAYYY	292238.83N / 0942215.95W	Y		IF			17000BFL200	AT 280K	BAYYY.BAYYY5
PUCKS	292428.04N / 0943946.71W	Y	FB	TF	276.84	15.41	10000B14000		
Runway Transition									
PUCKS	292428.04N / 0943946.71W	Y		IF			10000B14000		
FRDDY	292912.75N / 0945239.40W	Y	FB	TF	292.88	12.20	8000B10000	AT 240K	
FIGGG	293454.51N / 0950826.43W	Y	FB	TF	292.49	14.90	6000B7000		
SHUUG	293349.40N / 0951430.28W	Y	FB	TF	258.46	05.40	AT 6000	AT 210K	
EMARR	293224.33N / 0951607.56W	Y	FO	TF	225.00	02.00			
KHOU:RWY 4				FM	225.00				
Runway Transition									
PUCKS	292428.04N / 0943946.71W	Y		IF			10000B14000		
FRDDY	292912.75N / 0945239.40W	Y	FB	TF	292.88	12.20	8000B10000	AT 240K	
FIGGG	293454.51N / 0950826.43W	Y	FB	TF	292.49	14.90	6000B7000		
IVEEE	293637.09N / 0951805.85W	Y	FB	TF	281.49	08.59	AT 6000	AT 210K	

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
VILLI	293740.49N / 0952312.28W	Y	FB	TF	283.34	04.57			
ALLLY	293937.02N / 0952531.48W	Y	FO	TF	313.79	02.80			
KHOU:RWY 13L,RWY 13R				FM	313.79				

