

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Arrival Name PUCKS (RNAV)	Number FOUR	STAR Computer Code BAYYY.PUCKS4	Superseded Number THREE	Dated 11/10/2016	Effective Date 07 OCT 2021				
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
KCEEE	KCEEE.PUCKS4	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 12000 AND 15000
KELPP	KELPP.PUCKS4	KELPP	KELPP						
			SHLLL	313.33	156.62	12000	1400		
			BAYYY	312.37	27.27	8000	1400		BETWEEN 12000 AND 15000
LEEVILLE	LEV.PUCKS4	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 12000 AND 15000
PEGLG	PEGLG.PUCKS4	PEGLG	PEGLG						
			SHLLL	332.64	148.06	12000	1400		
			BAYYY	312.37	27.27	8000	1400		BETWEEN 12000 AND 15000
SEAGL	SEAGL.PUCKS4	SEAGL	SEAGL						
			SHLLL	352.31	150.50	12000	1400		
			BAYYY	312.37	27.27	8000	1400		BETWEEN 12000 AND 15000
SHLLL	SHLLL.PUCKS4	SHLLL	SHLLL						
			BAYYY	312.37	27.27	8000	1400		BETWEEN 12000 AND 15000
SEMMES	SJI.PUCKS4	SJI VORTAC	SJI VORTAC						
			SHREQ	248.36	56.30	12000	1800		
			JEPEG	247.93	170.14	12000	3100		
			SLYCE	247.71	30.97	12000	1400		

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Arrival Name			Number	STAR Computer Code		Superseded Number			Dated	Effective Date
PUCKS (RNAV)			FOUR	BAYYY.PUCKS4		THREE			11/10/2016	07 OCT 2021
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes	
			GEEAR	272.11	45.83	8000	1400			
			SHUDL	270.64	18.69	8000	1400			
			BAYYY	271.21	06.82	8000	1400		BETWEEN 12000 AND 15000	

ARRIVAL ROUTE DESCRIPTION:

FROM BAYYY ON TRACK 273.84/15.41 TO CROSS PUCKS BETWEEN 8000 AND 11000.

LANDING RWY 22: FROM PUCKS ON TRACK 310.11/2.50 TO CROSS SQRL AT OR ABOVE 8000, THEN ON TRACK 310.09/7.38 TO CROSS KEMAH AT 6000, THEN ON TRACK 310.04/3.00 TO CROSS WWILD AT 6000 AND AT 210 KIAS, THEN ON TRACK 310.02/13.93 TO CROSS JCNTD AT 4000, THEN ON TRACK 310.02. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 31L/R: FROM PUCKS ON TRACK 273.70/2.50 TO CROSS BLEAU AT OR ABOVE 8000, THEN ON TRACK 273.67/8.60 TO CROSS MMOOW AT 6000 AND AT 210 KIAS, THEN ON TRACK 273.67. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES

RNAV 1 - DME/DME/IRU OR GPS

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

EQUIPMENT REQUIREMENT NOTES

RADAR REQUIRED

PROCEDURAL DATA NOTES:

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

NOTE: CORRESPONDING RNAV STAR IS BAYYY. EXPECT BAYYY WHEN HOU IS LANDING 4/12.

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

NOTE: TURBOJET 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 SHLL: 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:

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PUCKS (RNAV)	FOUR	BAYYY.PUCKS4	THREE	11/10/2016	07 OCT 2021

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.

ADDITIONAL FLIGHT DATA:

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

FLIGHT INSPECTED BY:

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT
OPERATIONS GROUP (AJW-33) MEMO, APRIL 29, 2020

Organization

Date

Digitally signed by
DAVID DANNER

May 21, 2021

Signature

Digitally signed by
DAVID DANNER
May 21, 2021

DEVELOPED BY:

Idalia Pulido, Support Manager, Airspace and Procedure
Name

ATO-AJT-TCHU1-I90
Organization

04/16/2021
Date

Digitally signed by
DAVID DANNER

Signature

APPROVED BY:

PAT MULQUEEN, MANAGER

AJV-A440

May 21, 2021

Name

Organization

Date

Signature

CHANGES:

1. REMOVE RUNWAY 35 ARRIVAL ROUTE DESCRIPTION.
2. REMOVE MEA/MOCA DATA FROM COMMON ROUTE.
3. REFORMAT RADAR REQUIRED, RNAV 1, DME/DME OR GPS REQUIRED NOTES TO CURRENT FORMAT.
4. AMEND NOTE: CORRESPONDING RNAV STAR IS BAYYY. EXPECT BAYY WHEN HOU IS LANDING 4/12/17; REMOVE REFERENCE TO RWY 17.
5. REMOVE CHART BAYYY AT 250 KIAS FROM ADDITIONAL FLIGHT DATA.
6. REMOVE RECOMMENDED NAVAID FROM 17.2 FORM.

REASONS:

1. RUNWAY DEACTIVATED.
2. NO LONGER REQUIRED IAW 8260.3D, 2-2-7E(3).
3. IAW 8260.19I, 4-5-3.
4. ATC REQUEST / RWY 17 DEACTIVATED.
5. PUBLISHED ON 17.2 FORM (NOT REQUIRED ON 17.1).
6. NO LONGER PUBLISHED.

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STAR (DATA RECORD)

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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.PUCKS4
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	12000B15000	AT 250K	
En Route Transition									
KELPP	271032.13N / 0915657.34W	Y		IF					KELPP.PUCKS4
SHLLL	290313.14N / 0940020.14W	Y	FB	TF	316.33	156.62			
BAYYY	292238.83N / 0942215.95W	Y	FB	TF	315.37	27.27	12000B15000	AT 250K	
En Route Transition									
LEV VORTAC	291030.83N / 0900614.47W	Y		IF					LEV.PUCKS4
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	12000B15000	AT 250K	
En Route Transition									
PEGLG	264816.03N / 0925039.96W	Y		IF					PEGLG.PUCKS4
SHLLL	290313.14N / 0940020.14W	Y	FB	TF	335.64	148.06			
BAYYY	292238.83N / 0942215.95W	Y	FB	TF	315.37	27.27	12000B15000	AT 250K	
En Route Transition									
SEAGL	263249.18N / 0934618.37W	Y		IF					SEAGL.PUCKS4
SHLLL	290313.14N / 0940020.14W	Y	FB	TF	355.31	150.50			
BAYYY	292238.83N / 0942215.95W	Y	FB	TF	315.37	27.27	12000B15000	AT 250K	

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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.PUCKS4
BAYYY	292238.83N / 0942215.95W	Y	FB	TF	315.37	27.27	12000B15000	AT 250K	
En Route Transition									
SJI VORTAC	304333.53N / 0882133.46W	Y		IF					SJI.PUCKS4
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	12000B15000	AT 250K	
Common Route									
BAYYY	292238.83N / 0942215.95W	Y		IF			12000B15000	AT 250K	BAYYY.PUCKS4
PUCKS	292428.04N / 0943946.71W	Y	FB	TF	276.84	15.41	8000B11000		
Runway Transition									
PUCKS	292428.04N / 0943946.71W	Y		IF			8000B11000		
SQRLL	292610.79N / 0944152.12W	Y	FB	TF	313.11	02.50	AT/ABOVE 8000		
KEMAH	293113.98N / 0944802.85W	Y	FB	TF	313.09	07.38	AT 6000		
WWILD	293317.12N / 0945033.68W	Y	FB	TF	313.04	03.00	AT 6000	AT 210K	
JCNTO	294248.36N / 0950215.45W	Y	FO	TF	313.02	13.93	AT 4000		
KHOU:RWY 22				FM	313.02				

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Runway Transition									
PUCKS	292428.04N / 0943946.71W	Y		IF			8000B11000		
BLEAU	292445.55N / 0944237.29W	Y	FB	TF	276.70	02.50	AT/ABOVE 8000		
MMOOW	292545.30N / 0945224.19W	Y	FO	TF	276.67	08.60	AT 6000	AT 210K	
KHOU:RWY 31L,RWY 31R				FM	276.67				