

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.  
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
<b>HYTHR (RNAV)</b>	<b>THREE</b>	<b>HYTHR.HYTHR3</b>	<b>TWO</b>	<b>02/01/2018</b>	

**TRANSITION ROUTES:**

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
HUMBO	HUMBO.HYTHR3	HUMBO	HUMBO						
			PAYNN	192.32	20.71	FL180	2100		AT/BELOW FL230
			HYTHR	192.27	14.67	10000	1700		
NMANN	NMANN.HYTHR3	NMANN	NMANN						
			HUMBO	192.13	52.73	FL180	2900		AT/ABOVE FL240
			PAYNN	192.32	20.71	FL180	2100		AT/BELOW FL230
			HYTHR	192.27	14.67	10000	1700		
RRUSH	RRUSH.HYTHR3	RRUSH	RRUSH						
			HUMBO	229.86	97.37	FL180	2900		AT/ABOVE FL240
			PAYNN	192.32	20.71	FL180	2100		AT/BELOW FL230
			HYTHR	192.27	14.67	10000	1700		

**ARRIVAL ROUTE DESCRIPTION:**

FROM HYTHR ON TRACK 191.37/20.00 TO CROSS ROBYE AT 10000 AND AT 250 KIAS (MEA 10000), THEN ON TRACK 191.88/11.00 TO ASSUR (MEA 6000). THEN TRACK 191.88. 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 AIRCRAFT ONLY

NOTE: JET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL 290 KIAS, IF UNABLE, ADVISE ATC.

NOTE: DO NOT FILE - TO BE ASSIGNED BY ATC.

**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING AT HUMBO: HOLD N, LT, 192.32 INBOUND, 15 NM LEGS.

CHART HOLDING AT HYTHR: HOLD N, LT, 191.37 INBOUND, 15 NM LEGS.

CHART FIXES: BOWEN, BUDEE, CLARK, DINKE, GRIIT, JAYWA.

**COMMUNICATIONS:**

CHART: APP CON.



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HYTHR (RNAV)	THREE	HYTHR.HYTHR3	TWO	02/01/2018	

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KMEM	MEMPHIS	TN

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

REQUEST NOTE "JET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL 290K, IF UNABLE, ADVISE ATC" BE LISTED FIRST IN CHART NOTES.  
ABBREV AMDT: AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)  
MAG VAR: KMEM 1W/2020.

FLIGHT INSPECTED BY:

JEFFREY ECKMAN

ORGANIZATION: DATE:

FPO 09/13/2023

Flight Inspected Signature:

*Digitally signed by*

**ERIC N SUSKI**

Sep 15, 2023

DEVELOPED BY:

FRANK JACKSON

AJV-A431 05/30/2023

Developed By Signature:

*Digitally signed by*

**FRANK JACKSON**

Aug 15, 2023

APPROVED BY:

JOHNNIE BAKER

AJV-A430

Approved By Signature:

*Digitally signed by*

**ERIC N SUSKI**

Aug 22, 2023

CHANGES:

1. CHANGED CHART NOTE FROM "DESCEND VIA MACH NUMBER UNTIL TRANSITION TO 290 KIAS" TO "JET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL 290 KIAS, IF UNABLE, ADVISE ATC".
2. CHANGED CHART NOTE FROM "ASSIGNED BY ATC ONLY" TO "DO NOT FILE - TO BE ASSIGNED BY ATC".
3. CHANGED FIX NAME FROM "COVIM" TO "GRIIT".
4. UPDATED PROCEDURAL DATA NOTE FROM "DME/DME/IRU OR GPS REQUIRED AND RNAV 1 NOTE" TO PBN REQUIREMENT NOTE: "RNAV 1 - DME/DME/IRU OR GPS".
5. ADDED MOCA ALTITUDES TO ALL ENROUTE SEGMENTS.
6. AMENDED ARRIVAL ROUTE DESCRIPTION: COMBINED CROSSING ALT/SPEED AT ROBYE.
7. REMOVED PROCEDURE DATA NOTE "RADAR REQUIRED" AND ADDED EQUIPMENT REQUIREMENT NOTE "RADAR REQUIRED".
8. CHANGED PROCEDURAL DATA NOTE FROM "TURBOJET AIRCRAFT ONLY" TO "JET AIRCRAFT ONLY".

REASONS:

1. IAW 8260.19, PARA 4-5-2 F.
2. IAW 8260.19, PARA 4-5-2 W.
3. SIMILAR SOUNDING FIX NAMES IN THE VICINITY OF KMEM.
4. IAW 8260.19, PARA 4-5-3 A.

QUALITY  
14  
CHECKED

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5. IAW 8260.19, PARA 4-5-12 B (8). 6. IAW 8260.19, PARA 4-5-12 C. 7. IAW 8260.19, PARA 4-5-12 D (6). 8. IAW 8260.19, PARA 4-5-12 D(4).					



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

Arrival Name HYTHR (RNAV)		Number THREE		STAR Computer Code HYTHR.HYTHR3			Superseded Number TWO		Dated 02/01/2018	Effective Date
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
En Route Transition										
HUMBO	363739.45N / 0893607.81W	Y		IF			AT/ABOVE FL240	AT 290K	HUMBO.HYTHR3	
PAYNN	361719.02N / 0894109.51W	Y	FB	TF	191.32	20.71	AT/BELOW FL230			
HYTHR	360254.68N / 0894441.56W	Y	FB	TF	191.27	14.67				
En Route Transition										
NMANN	372928.40N / 0892328.88W	Y		IF					NMANN.HYTHR3	
HUMBO	363739.45N / 0893607.81W	Y	FB	TF	191.13	52.73	AT/ABOVE FL240	AT 290K		
PAYNN	361719.02N / 0894109.51W	Y	FB	TF	191.32	20.71	AT/BELOW FL230			
HYTHR	360254.68N / 0894441.56W	Y	FB	TF	191.27	14.67				
En Route Transition										
RRUSH	374223.16N / 0880501.36W	Y		IF					RRUSH.HYTHR3	
HUMBO	363739.45N / 0893607.81W	Y	FB	TF	228.86	97.37	AT/ABOVE FL240	AT 290K		
PAYNN	361719.02N / 0894109.51W	Y	FB	TF	191.32	20.71	AT/BELOW FL230			
HYTHR	360254.68N / 0894441.56W	Y	FB	TF	191.27	14.67				
Common Route										
HYTHR	360254.68N / 0894441.56W	Y		IF					HYTHR.HYTHR3	
ROBYE	354312.42N / 0894906.80W	Y	FB	TF	190.37	20.00	AT 10000	AT 250K		
ASSUR	353223.27N / 0895139.41W	Y	FO	TF	190.88	11.00				
KMEM				FM	190.88					

