

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 <b>EMMAS (RNAV)</b>	Number <b>ONE</b>	STAR Computer Code <b>EMMAS.EMMAS1</b>	Superseded Number <b>NONE</b>	Dated	Effective Date <b>25 JAN 2024</b>
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TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
HIGUH	HIGUH.EMMAS1	HIGUH	HIGUH						AT 16000
			NRRRG	297.99	17.80	4000	3100		
			DRLNG	297.75	08.39	4000	3100		
			JNTHN	297.63	10.94	4000	3100		AT 11000
			NUGGZ	283.50	11.60	4000	3100		AT/BELOW 9000
			EMMAS	230.27	05.21	4000	3100		
SHIKY	SHIKY.EMMAS1	SHIKY	SHIKY						
			OWINN	200.25	41.18	4000	3100		
			KAMMM	233.08	36.40	4000	3100		BETWEEN 11000 AND 13000
			LUUUK	181.59	09.91	4000	3100		
			KAALN	181.51	11.02	4000	3100		
			EMMAS	151.46	18.44	4000	3100		

**ARRIVAL ROUTE DESCRIPTION:**

FROM EMMAS ON TRACK 189.86/5.33 TO CROSS DOKKE AT 4000, THEN ON TRACK 180.84. 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:**

**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING AT SADIE: HOLD W, RT, 076.90 INBOUND, 10 NM LEGS.

CHART HOLDING AT YOLLO: HOLD S, RT, 357.44 INBOUND, 10 NM LEGS.

CHART SADIE AND YOLLO AS STANDALONE WAYPOINTS.

**COMMUNICATIONS:**

CHART: ROCKFORD APP CON

**AIRPORTS SERVED:**

AIRPORT ID  
KRFD

CITY  
CHICAGO/ROCKFORD

STATE  
IL



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EMMAS (RNAV)	ONE	EMMAS.EMMAS1	NONE		25 JAN 2024

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)  
 MAG VAR: KRFD 03W/2020  
 CHART AT DOKKE TERMINUS: LDG KRFD

FLIGHT INSPECTED BY:

MICHAEL A GREENWOOD

ORGANIZATION:

FPO

DATE:

11/29/2023

Flight Inspected Signature:

*Digitally signed by*

**ROBERT G HAMILTON**

Nov 30, 2023

DEVELOPED BY:

JOSEPH BOCIK, AIRSPACE/PROCEDURES MANAGER

CHICAGO ARTCC

7/3/2023

Developed By Signature:

*Digitally signed by*

**CASIMIR L TABAKA**

Sep 29, 2023

APPROVED BY:

JOHNNIE BAKER

AJV-A430

Approved By Signature:

*Digitally signed by*

**CASIMIR L TABAKA**

Sep 29, 2023

CHANGES:

REASONS:

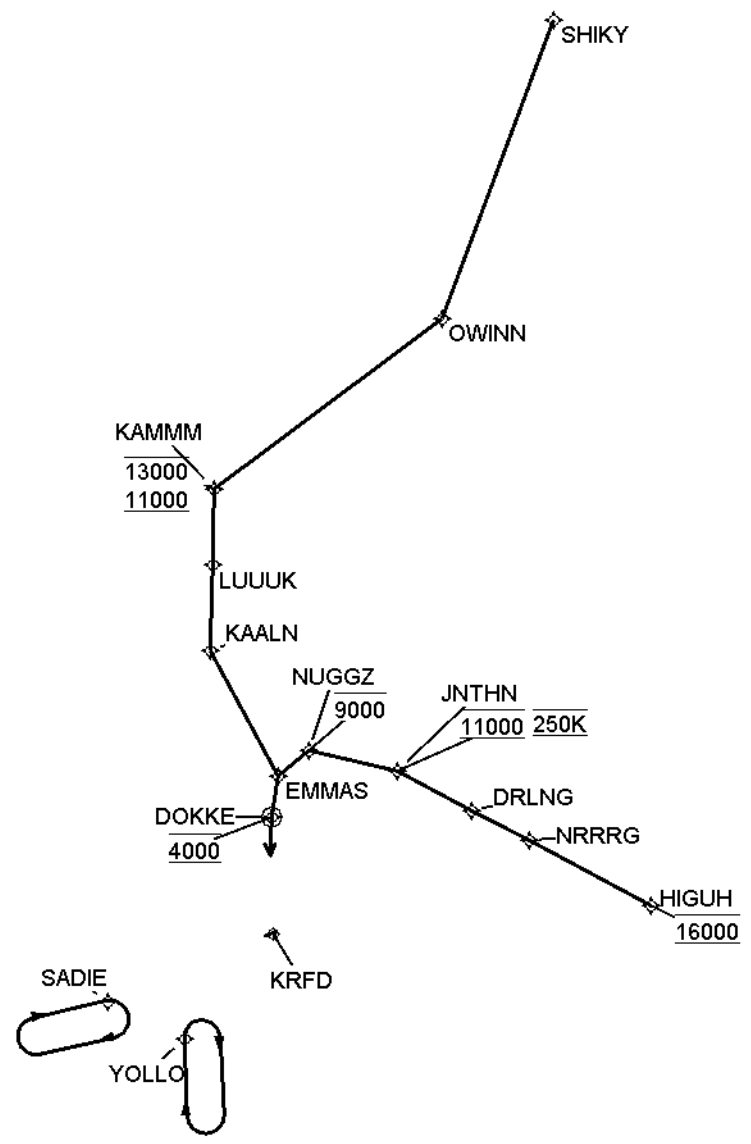


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EMMAS (RNAV)	ONE	EMMAS.EMMAS1	NONE		25 JAN 2024

Graphic Depiction 1



FEDERAL AVIATION ADMINISTRATION  
 FLIGHT STANDARDS SERVICE  
 STAR (DATA RECORD)

Arrival Name EMMAS (RNAV)	Number ONE	STAR Computer Code EMMAS.EMMAS1		Superseded Number NONE		Dated	Effective Date 25 JAN 2024		
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
En Route Transition									
HIGUH	421804.84N / 0880004.06W	Y		IF			AT 16000		HIGUH.EMMAS1
NRRRG	422534.15N / 0882150.97W	Y	FB	TF	294.99	17.80			
DRLNG	422904.62N / 0883209.16W	Y	FB	TF	294.75	08.39			
JNTHN	423337.58N / 0884536.71W	Y	FB	TF	294.63	10.94	AT 11000	AT 250K	
NUGGZ	423543.41N / 0890103.61W	Y	FB	TF	280.50	11.60	AT/BELOW 9000		
EMMAS	423211.08N / 0890614.21W	Y	FB	TF	227.27	05.21			
En Route Transition									
SHIKY	441140.00N / 0882505.00W	Y		IF					SHIKY.EMMAS1
OWINN	433219.03N / 0884152.34W	Y	FB	TF	197.25	41.18			
KAMMM	430850.88N / 0892000.37W	Y	FB	TF	230.08	36.40	11000B13000		
LUUUK	425856.42N / 0891940.41W	Y	FB	TF	178.59	09.91			
KAALN	424755.00N / 0891916.99W	Y	FB	TF	178.51	11.02			
EMMAS	423211.08N / 0890614.21W	Y	FB	TF	148.46	18.44			
Common Route									
EMMAS	423211.08N / 0890614.21W	Y		IF					EMMAS.EMMAS1
DOKKE	422653.64N / 0890705.79W	Y	FO	TF	186.86	05.33	AT 4000		
KRFD				FM	177.84				

