

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.
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Arrival Name MADII (RNAV)	Number SEVEN	STAR Computer Code MADII.MADII7	Superseded Number SIX	Dated 11/05/2020	Effective Date 20 APR 2023				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
CHDRR	CHDRR.MADII7	CHDRR	CHDRR						AT 14000
			ZANDI	211.15	34.52	6000	2600		
			HOPSS	196.18	07.58	6000	2500		
			HUNKA	184.75	10.37	6000	2300		
			MADII	187.90	13.94	6000	2300		
FAALZ	FAALZ.MADII7	FAALZ	FAALZ						
			KOHLL	180.65	07.84	9000	2600		BETWEEN FL190 AND FL210
			GURNN	178.38	07.87	6000	2600		
			CHDRR	193.92	10.44	6000	2600		AT 14000
			ZANDI	211.15	34.52	6000	2600		
			HOPSS	196.18	07.58	6000	2500		
			HUNKA	184.75	10.37	6000	2300		
			MADII	187.90	13.94	6000	2300		
FGHRN	FGHRN.MADII7	FGHRN	FGHRN						
			FAALZ	188.74	20.11	9000	2600		
			KOHLL	180.65	07.84	9000	2600		BETWEEN FL190 AND FL210
			GURNN	178.38	07.87	6000	2600		
			CHDRR	193.92	10.44	6000	2600		AT 14000
			ZANDI	211.15	34.52	6000	2600		
			HOPSS	196.18	07.58	6000	2500		
			HUNKA	184.75	10.37	6000	2300		
			MADII	187.90	13.94	6000	2300		
KOHLL	KOHLL.MADII7	KOHLL	KOHLL						BETWEEN FL190 AND FL210
			GURNN	178.38	07.87	6000	2600		
			CHDRR	193.92	10.44	6000	2600		AT 14000
			ZANDI	211.15	34.52	6000	2600		
			HOPSS	196.18	07.58	6000	2500		

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Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
			HUNKA	184.75	10.37	6000	2300		
			MADII	187.90	13.94	6000	2300		
OVETE	OVETE.MADII7	OVETE	OVETE						
			PIRPL	189.27	34.39	9000	2600		
			FGHRN	189.21	11.00	9000	2600		
			FAALZ	188.74	20.11	9000	2600		
			KOHL	180.65	07.84	9000	2600		BETWEEN FL190 AND FL210
			GURNN	178.38	07.87	6000	2600		
			CHDRR	193.92	10.44	6000	2600		AT 14000
			ZANDI	211.15	34.52	6000	2600		
			HOPSS	196.18	07.58	6000	2500		
			HUNKA	184.75	10.37	6000	2300		
			MADII	187.90	13.94	6000	2300		
PIRPL	PIRPL.MADII7	PIRPL	PIRPL						
			FGHRN	189.21	11.00	9000	2600		
			FAALZ	188.74	20.11	9000	2600		
			KOHL	180.65	07.84	9000	2600		BETWEEN FL190 AND FL210
			GURNN	178.38	07.87	6000	2600		
			CHDRR	193.92	10.44	6000	2600		AT 14000
			ZANDI	211.15	34.52	6000	2600		
			HOPSS	196.18	07.58	6000	2500		
			HUNKA	184.75	10.37	6000	2300		
			MADII	187.90	13.94	6000	2300		
VIIKS	VIIKS.MADII7	VIIKS	VIIKS						
			FGHRN	253.17	31.04	9000	2600		
			FAALZ	188.74	20.11	9000	2600		
			KOHL	180.65	07.84	9000	2600		BETWEEN FL190 AND FL210
			GURNN	178.38	07.87	6000	2600		

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Arrival Name		Number		STAR Computer Code		Superseded Number			Dated	Effective Date
MADII (RNAV)		SEVEN		MADII.MADII7		SIX			11/05/2020	20 APR 2023
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes	
			CHDRR	193.92	10.44	6000	2600		AT 14000	
			ZANDI	211.15	34.52	6000	2600			
			HOPSS	196.18	07.58	6000	2500			
			HUNKA	184.75	10.37	6000	2300			
			MADII	187.90	13.94	6000	2300			
ZANDI	ZANDI.MADII7	ZANDI	ZANDI							
			HOPSS	196.18	07.58	6000	2500			
			HUNKA	184.75	10.37	6000	2300			
			MADII	187.90	13.94	6000	2300			

ARRIVAL ROUTE DESCRIPTION:

FROM MADII ON TRACK 133.22/9.70 TO SOOLU.

LANDING RWY 22L/R, 4L/R, 27L/R, 9L/C/R, 10L/C/R: FROM SOOLU ON TRACK 142.34/8.26 TO KURKK, THEN ON TRACK 092.95/10.41 TO VULCN, THEN ON TRACK 093.09/12.75 TO HIMGO, THEN ON TRACK 093.09. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 27C, 28C/R: FROM SOOLU ON TRACK 162.12/20.01 TO JORJO, THEN ON TRACK 093.00/8.37 TO MONKZ, THEN ON TRACK 093.05/13.94 TO TONIE, THEN ON TRACK 093.05. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 28L: FROM SOOLU ON TRACK 162.12/20.01 TO JORJO, THEN ON TRACK 093.00/8.37 TO MONKZ, THEN ON TRACK 095.45/14.00 TO RREGY, THEN ON TRACK 095.45. 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: ZANDI ENROUTE TRANSITION: FOR MILWAUKEE TERMINAL AREA DEPARTURES ONLY.

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

NOTE: ORD LANDING EAST: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER MADII.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT CHDRR: HOLD NW, LT, 150.00 INBOUND, 10 NM LEGS.

CHART HOLDING AT FAALZ: HOLD W, RT, 090.00 INBOUND, 10 NM LEGS.

CHART HOLDING AT HUNKA: HOLD N, RT, 184.75 INBOUND, 10 NM LEGS.

CHART HOLDING AT OVETE: HOLD N, RT, 189.27 INBOUND, 16 NM LEGS.

CHART HOLDING AT ZANDI: HOLD N, LT, 196.18 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

CHART: CHICAGO APP CON

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MADII (RNAV)	SEVEN	MADII.MADII7	SIX	11/05/2020	20 APR 2023

AIRPORTS SERVED:

AIRPORT ID
KORD

CITY
CHICAGO

STATE
IL

LOST COMMUNICATIONS PREFERENCES:**REMARKS:****ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0)

REFERENCE MAG VAR: KORD 3W/2010.

CHART AT HIMGO TERMINUS: KORD LDG RWY 4L/R, 9L/C/R, 10L/C/R, 22L/R, 27L/R.

CHART AT TONIE TERMINUS: KORD LDG RWY 27C, 28C/R.

CHART AT RREGY TERMINUS: KORD LDG RWY 28L.

FLIGHT INSPECTED BY:

SCOTT WIEBE

ORGANIZATION:

FPO

DATE:

01/04/2023

Flight Inspected Signature:

*Digitally signed by***DAVID DANNER**

Jan 04, 2023

DEVELOPED BY:LAWRENCE DARLING, MANAGER, AIRSPACE AND
PROCEDURES OFFICE

CHICAGO ARTCC 08/01/2022

Developed By Signature:

*Digitally signed by***DAVID DANNER**

Jan 04, 2023

APPROVED BY:

PATRICK MULQUEEN, MANAGER

AJV-A440

Approved By Signature:

*Digitally signed by***DAVID DANNER**

Jan 04, 2023

CHANGES:

1. REMOVED FOLGO WP AND ADDED OVETE WP.
2. REMOVED FOLGO ENROUTE TRANSITION AND ADDED OVETE ENROUTE TRANSITION.
3. REMOVED FOLGO HOLDING AND ADDED OVETE HOLDING.
4. CHANGED ALL ATC ASSIGNED ONLY IN PROCEDURE NOTES TO READ "DO NOT FILE – TO BE ASSIGNED BY ATC".
5. CHANGED MOCA OVETE-PIRPL FROM 2400 TO 2600.
6. CHANGED MOCA PIRPL-FGHRN FROM 2300 TO 2600.
7. CHANGED MOCA FGHRN-FAALZ FROM 2300 TO 2600.

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- 8. CHANGED MOCA FAALZ-KOHL FROM 2200 TO 2600.
- 9. CHANGED MOCA KOHLL-GURNN FROM 2200 TO 2600.
- 10. CHANGED MOCA GURNN-CHDRR FROM 2100 TO 2600.

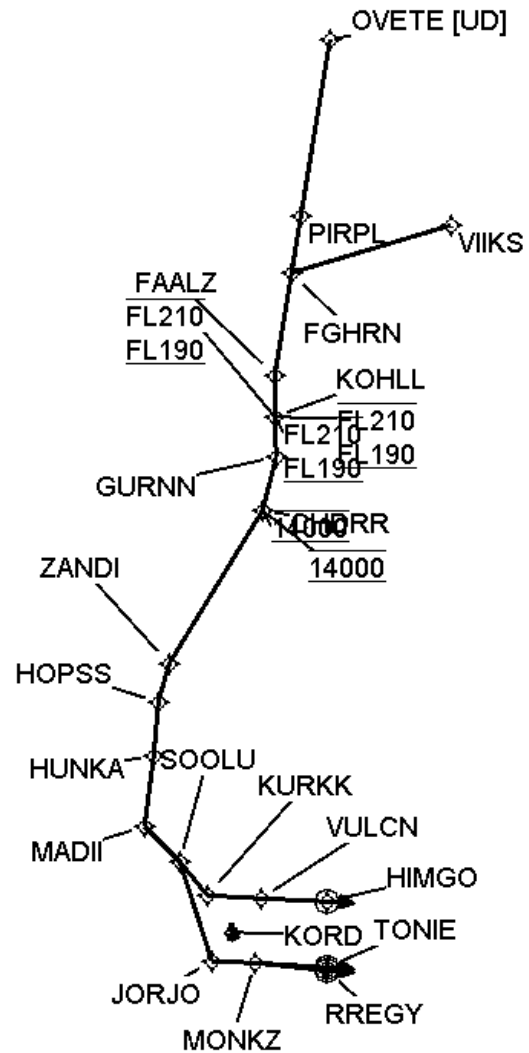
REASONS:

- 1-3. RESOLVE SIMILAR SOUNDING FIX NAME ISSUE.
- 4. IAW 8260.19I, 4-5-2W
- 5-10. REQUIRED PER FAO 8260.3E PARA 2-2-7D(3).

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MADII (RNAV)	SEVEN	MADII.MADII7	SIX	11/05/2020	20 APR 2023
Graphic Depiction 1					



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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									
CHDRR	432010.89N / 0875219.44W	Y		IF			AT 14000		CHDRR.MADII7
ZANDI	424942.03N / 0881427.17W	Y	FB	TF	208.15	34.52			
HOPSS	424219.25N / 0881647.79W	Y	FB	TF	193.18	07.58			
HUNKA	423157.23N / 0881713.51W	Y	FB	TF	181.75	10.37			
MADII	421803.47N / 0881849.73W	Y	FB	TF	184.90	13.94			
En Route Transition									
FAALZ	434607.03N / 0875055.53W	Y		IF					FAALZ.MADII7
KOHLL	433816.97N / 0875029.01W	Y	FB	TF	177.65	07.84	FL190BFL210		
GURNN	433026.14N / 0874936.77W	Y	FB	TF	175.38	07.87			
CHDRR	432010.89N / 0875219.44W	Y	FB	TF	190.92	10.44	AT 14000		
ZANDI	424942.03N / 0881427.17W	Y	FB	TF	208.15	34.52			
HOPSS	424219.25N / 0881647.79W	Y	FB	TF	193.18	07.58			
HUNKA	423157.23N / 0881713.51W	Y	FB	TF	181.75	10.37			
MADII	421803.47N / 0881849.73W	Y	FB	TF	184.90	13.94			
En Route Transition									
FGHRN	440608.00N / 0874809.00W	Y		IF					FGHRN.MADII7
FAALZ	434607.03N / 0875055.53W	Y	FB	TF	185.74	20.11			
KOHLL	433816.97N / 0875029.01W	Y	FB	TF	177.65	07.84	FL190BFL210		
GURNN	433026.14N / 0874936.77W	Y	FB	TF	175.38	07.87			
CHDRR	432010.89N / 0875219.44W	Y	FB	TF	190.92	10.44	AT 14000		
ZANDI	424942.03N / 0881427.17W	Y	FB	TF	208.15	34.52			
HOPSS	424219.25N / 0881647.79W	Y	FB	TF	193.18	07.58			
HUNKA	423157.23N / 0881713.51W	Y	FB	TF	181.75	10.37			
MADII	421803.47N / 0881849.73W	Y	FB	TF	184.90	13.94			
En Route Transition									
KOHLL	433816.97N / 0875029.01W	Y		IF			FL190BFL210		KOHLL.MADII7

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
GURNN	433026.14N / 0874936.77W	Y	FB	TF	175.38	07.87			
CHDRR	432010.89N / 0875219.44W	Y	FB	TF	190.92	10.44	AT 14000		
ZANDI	424942.03N / 0881427.17W	Y	FB	TF	208.15	34.52			
HOPSS	424219.25N / 0881647.79W	Y	FB	TF	193.18	07.58			
HUNKA	423157.23N / 0881713.51W	Y	FB	TF	181.75	10.37			
MADII	421803.47N / 0881849.73W	Y	FB	TF	184.90	13.94			
En Route Transition									
OVETE	445115.20N / 0874116.37W	Y		IF					OVETE.MADII7
PIRPL	441704.17N / 0874629.97W	Y	FB	TF	186.27	34.39			
FGHRN	440608.00N / 0874809.00W	Y	FB	TF	186.21	11.00			
FAALZ	434607.03N / 0875055.53W	Y	FB	TF	185.74	20.11			
KOHL	433816.97N / 0875029.01W	Y	FB	TF	177.65	07.84	FL190BFL210		
GURNN	433026.14N / 0874936.77W	Y	FB	TF	175.38	07.87			
CHDRR	432010.89N / 0875219.44W	Y	FB	TF	190.92	10.44	AT 14000		
ZANDI	424942.03N / 0881427.17W	Y	FB	TF	208.15	34.52			
HOPSS	424219.25N / 0881647.79W	Y	FB	TF	193.18	07.58			
HUNKA	423157.23N / 0881713.51W	Y	FB	TF	181.75	10.37			
MADII	421803.47N / 0881849.73W	Y	FB	TF	184.90	13.94			
En Route Transition									
PIRPL	441704.17N / 0874629.97W	Y		IF					PIRPL.MADII7
FGHRN	440608.00N / 0874809.00W	Y	FB	TF	186.21	11.00			
FAALZ	434607.03N / 0875055.53W	Y	FB	TF	185.74	20.11			
KOHL	433816.97N / 0875029.01W	Y	FB	TF	177.65	07.84	FL190BFL210		
GURNN	433026.14N / 0874936.77W	Y	FB	TF	175.38	07.87			
CHDRR	432010.89N / 0875219.44W	Y	FB	TF	190.92	10.44	AT 14000		
ZANDI	424942.03N / 0881427.17W	Y	FB	TF	208.15	34.52			
HOPSS	424219.25N / 0881647.79W	Y	FB	TF	193.18	07.58			

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Arrival Name MADII (RNAV)		Number SEVEN		STAR Computer Code MADII.MADII7		Superseded Number SIX		Dated 11/05/2020	Effective Date 20 APR 2023
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
HUNKA	423157.23N / 0881713.51W	Y	FB	TF	181.75	10.37			
MADII	421803.47N / 0881849.73W	Y	FB	TF	184.90	13.94			
En Route Transition									
VIKS	441647.00N / 0870738.00W	Y		IF					VIKS.MADII7
FGHRN	440608.00N / 0874809.00W	Y	FB	TF	250.17	31.04			
FAALZ	434607.03N / 0875055.53W	Y	FB	TF	185.74	20.11			
KOHL	433816.97N / 0875029.01W	Y	FB	TF	177.65	07.84	FL190BFL210		
GURNN	433026.14N / 0874936.77W	Y	FB	TF	175.38	07.87			
CHDRR	432010.89N / 0875219.44W	Y	FB	TF	190.92	10.44	AT 14000		
ZANDI	424942.03N / 0881427.17W	Y	FB	TF	208.15	34.52			
HOPSS	424219.25N / 0881647.79W	Y	FB	TF	193.18	07.58			
HUNKA	423157.23N / 0881713.51W	Y	FB	TF	181.75	10.37			
MADII	421803.47N / 0881849.73W	Y	FB	TF	184.90	13.94			
En Route Transition									
ZANDI	424942.03N / 0881427.17W	Y		IF					ZANDI.MADII7
HOPSS	424219.25N / 0881647.79W	Y	FB	TF	193.18	07.58			
HUNKA	423157.23N / 0881713.51W	Y	FB	TF	181.75	10.37			
MADII	421803.47N / 0881849.73W	Y	FB	TF	184.90	13.94			
Common Route									
MADII	421803.47N / 0881849.73W	Y		IF					MADII.MADII7
SOOLU	421146.95N / 0880851.70W	Y	FB	TF	130.22	09.70			
Runway Transition									
SOOLU	421146.95N / 0880851.70W	Y		IF					
KURKK	420530.61N / 0880137.92W	Y	FB	TF	139.34	08.26			
VULCN	420530.34N / 0874739.02W	Y	FB	TF	089.95	10.41			

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<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>
HIMGO	420527.84N / 0873031.89W	Y	FO	TF	090.09	12.75			
KORD:RWY 4L,RWY 4R,RWY 9C,RWY 9L,RWY 9R,RWY 10C,RWY 10L,RWY 10R,RWY 22L,RWY 22R,RWY 27L,RWY 27R				FM	090.09				
Runway Transition									
SOOLU	421146.95N / 0880851.70W	Y		IF					
JORJO	415304.14N / 0875918.78W	Y	FB	TF	159.12	20.01			
MONKZ	415303.59N / 0874806.47W	Y	FB	TF	090.00	08.37			
TONIE	415301.37N / 0872926.75W	Y	FO	TF	090.05	13.94			
KORD:RWY 27C,RWY 28C,RWY 28R				FM	090.05				
Runway Transition									
SOOLU	421146.95N / 0880851.70W	Y		IF					
JORJO	415304.14N / 0875918.78W	Y	FB	TF	159.12	20.01			
MONKZ	415303.59N / 0874806.47W	Y	FB	TF	090.00	08.37			
RREGY	415226.14N / 0872923.10W	Y	FO	TF	092.45	14.00			
KORD:RWY 28L				FM	092.45				