

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Arrival Name MADII (RNAV)	Number SIX	STAR Computer Code MADII.MADII6	Superseded Number FIVE	Dated 05/21/2020	Effective Date				
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
CHDRR	CHDRR.MADII6	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.MADII6	FAALZ	FAALZ						
			KOHL	180.65	07.84	9000	2200		BETWEEN FL190 AND FL210
			GURNN	178.38	07.87	6000	2200		
			CHDRR	193.92	10.44	6000	2100		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.MADII6	FGHRN	FGHRN						
			FAALZ	188.74	20.11	9000	2300		
			KOHL	180.65	07.84	9000	2200		BETWEEN FL190 AND FL210
			GURNN	178.38	07.87	6000	2200		
			CHDRR	193.92	10.44	6000	2100		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		
FOLGO	FOLGO.MADII6	FOLGO	FOLGO						
			PIRPL	189.27	34.40	9000	2400		
			FGHRN	189.21	11.00	9000	2300		
			FAALZ	188.74	20.11	9000	2300		
			KOHL	180.65	07.84	9000	2200		BETWEEN FL190 AND FL210



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Arrival Name MADII (RNAV)		Number SIX		STAR Computer Code MADII.MADII6		Superseded Number FIVE			Dated 05/21/2020	Effective Date
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes	
			GURNN	178.38	07.87	6000	2200			
			CHDRR	193.92	10.44	6000	2100		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			
KOHL	KOHL.MADII6	KOHL	KOHL						BETWEEN FL190 AND FL210	
			GURNN	178.38	07.87	6000	2200			
			CHDRR	193.92	10.44	6000	2100		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.MADII6	PIRPL	PIRPL							
			FGHRN	189.21	11.00	9000	2300			
			FAALZ	188.74	20.11	9000	2300			
			KOHL	180.65	07.84	9000	2200		BETWEEN FL190 AND FL210	
			GURNN	178.38	07.87	6000	2200			
			CHDRR	193.92	10.44	6000	2100		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.MADII6	VIIKS	VIIKS							
			FGHRN	253.17	31.04	9000	2300			
			FAALZ	188.74	20.11	9000	2300			
			KOHL	180.65	07.84	9000	2200		BETWEEN FL190 AND FL210	
			GURNN	178.38	07.87	6000	2200			

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Arrival Name			Number	STAR Computer Code		Superseded Number			Dated	Effective Date
MADII (RNAV)			SIX	MADII.MADII6		FIVE			05/21/2020	
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	2100		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.MADII6	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.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED

NOTE: RNAV 1

NOTE: DME/DME/IRU OR GPS REQUIRED

NOTE: ZANDI ENROUTE TRANSITION: FOR MILWAUKEE TERMINAL AREA DEPARTURES ONLY.

NOTE: VIIKS ENROUTE TRANSITION: ATC ASSIGNED ONLY

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 FOLGO: HOLD N, RT, 189.27 INBOUND, 16 NM LEGS.

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

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

COMMUNICATIONS:

ORD ATIS, CHICAGO APP CON

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
MADII (RNAV)	SIX	MADII.MADII6	FIVE	05/21/2020	

AIRPORTS SERVED:

CHICAGO O'HARE INTL, CHICAGO, IL (KORD)

LOST COMMUNICATIONS PROCEDURE:

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
Name

FICO
Organization

8/30/2020
Date

Digitally signed by
DAVID DANNER

Sep 02, 2020
Signature

DEVELOPED BY:

JOSEPH BOCIK, MANAGER, AIRSPACE AND
PROCEDURES OFFICE
Name

CHICAGO ARTCC
Organization

04/02/2020
Date

Digitally signed by
DAVID DANNER

Sep 02, 2020
Signature

APPROVED BY:

PAT MULQUEEN, MANAGER
Name

AJV-A440
Organization

Date

Digitally signed by
DAVID DANNER

Sep 02, 2020
Signature

CHANGES:

1. ADD RWY 9C TO NORTH DOWNWIND.
2. SEPARATED RWY 28L RUNWAY TRANSITION AND REMOVED TONIE WP, ADDED RREGY; FM FROM 093.05 TO 095.45.
3. ADD CHART NOTE: ORD LANDING EAST: EXPECT RADAR VECTORS AFTER MADII.
4. ADD RWY 27C TO SOUTH DOWNWIND.
5. REMOVE CHART NOTE: "FOLGO TRANSITION - ATC ASSIGNED ONLY".
6. ADD CHART NOTE: "VILKS TRANSITION - ATC ASSIGNED ONLY".

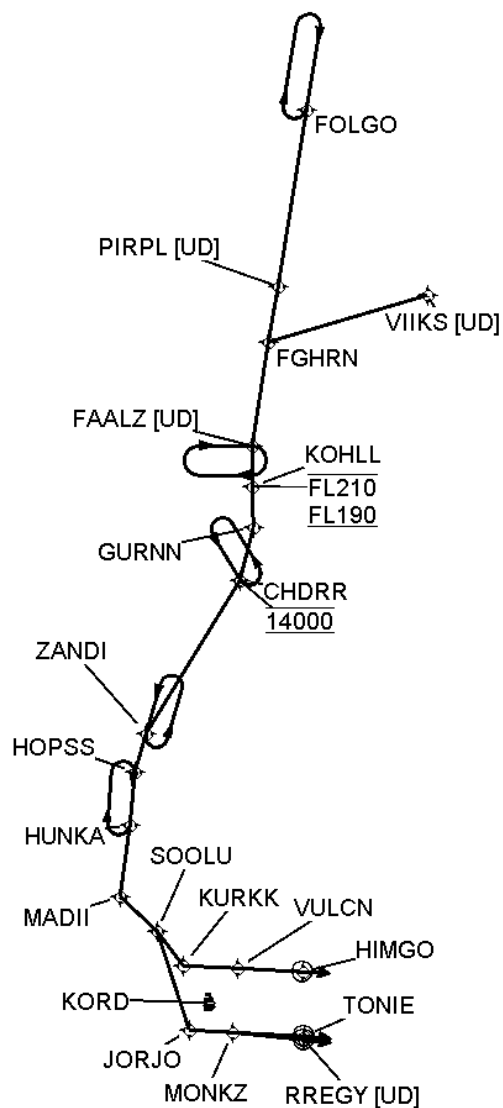
REASONS:

- 1, 4. NEW RUNWAY 9C/27C BEING COMMISSIONED.
2. ALIGN DOWNWIND WITH RWY 28L OFFSET FAC.
3. REDUCE PILOT CONFUSION.
- 5, 6. INDUSTRY REQUEST, ZMP/ZAU LOA CHANGE.

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
MADII (RNAV)	SIX	MADII.MADII6	FIVE	5/21/2020	
Graphic Depiction 1					



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name MADII (RNAV)	Number SIX	STAR Computer Code MADII.MADII6		Superseded Number FIVE		Dated 05/21/2020		Effective Date	
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.MADII6
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.MADII6
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.MADII6
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									
FOLGO	445115.84N / 0874116.27W	Y		IF					FOLGO.MADII6

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STAR (DATA RECORD)

Arrival Name MADII (RNAV)	Number SIX	STAR Computer Code MADII.MADII6		Superseded Number FIVE		Dated 05/21/2020	Effective Date		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
PIRPL	441704.17N / 0874629.97W	Y	FB	TF	186.27	34.40			
FGHRN	440608.00N / 0874809.00W	Y	FB	TF	186.21	11.00			
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.MADII6
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.MADII6
FGHRN	440608.00N / 0874809.00W	Y	FB	TF	186.21	11.00			
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			

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name MADII (RNAV)	Number SIX	STAR Computer Code MADII.MADII6		Superseded Number FIVE		Dated 05/21/2020	Effective Date		
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.MADII6
FGHRN	440608.00N / 0874809.00W	Y	FB	TF	250.17	31.04			
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									
ZANDI	424942.03N / 0881427.17W	Y		IF					ZANDI.MADII6
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.MADII6
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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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
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				