

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Arrival Name ENDEE (RNAV)	Number SEVEN	STAR Computer Code ENDEE.ENDEE7	Superseded Number SIX	Dated 12/31/2020	Effective Date 12 JUN 2025				
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
CHUMP	CHUMP.ENDEE7	CHUMP	CHUMP						BETWEEN 17000 AND FL210
			HEDOC	143.53	11.75	3300	3100		
			PURTY	143.25	07.01	3300	3100		BETWEEN 15000 AND FL190
			OCCHO	089.07	13.86	3300	3100		BETWEEN 14000 AND 16000
			KOOKS	088.96	13.24	3300	3100		BETWEEN 10000 AND 13000
			JILLZ	077.20	07.44	3300	3100		AT 10000
			TMRAA	068.89	08.70	3100	3100		
			ENDEE	069.00	14.20	3100	3100		BETWEEN 6000 AND 7000
DARKK	DARKK.ENDEE7	DARKK	DARKK						AT FL310
			BURUU	045.37	22.98	4000	3100		BETWEEN FL240 AND FL290
			ILIAD	046.09	17.77	4000	3100		
			LLVSS	050.64	09.49	3300	3100		BETWEEN FL190 AND FL210
			PEALE	063.74	14.83	3300	3100		BETWEEN 16000 AND FL190
			TOLCA	063.93	18.48	3300	3100		BETWEEN 10000 AND 13000
			JILLZ	064.16	07.94	3300	3100		AT 10000
			TMRAA	068.89	08.70	3100	3100		
			ENDEE	069.00	14.20	3100	3100		BETWEEN 6000 AND 7000
EDENS	EDENS.ENDEE7	EDENS	EDENS						BETWEEN FL190 AND FL210
			PURTY	088.75	14.90	3300	3100		BETWEEN 15000 AND FL190
			OCCHO	089.07	13.86	3300	3100		BETWEEN 14000 AND 16000
			KOOKS	088.96	13.24	3300	3100		BETWEEN 10000 AND 13000
			JILLZ	077.20	07.44	3300	3100		AT 10000
			TMRAA	068.89	08.70	3100	3100		
			ENDEE	069.00	14.20	3100	3100		BETWEEN 6000 AND 7000
FUDDD	FUDDD.ENDEE7	FUDDD	FUDDD						AT FL310
			BOOKK	072.10	36.51	4000	3100		BETWEEN FL240 AND FL290
			LLVSS	072.62	27.28	3300	3100		BETWEEN FL190 AND FL210

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Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes	
			PEALE	063.74	14.83	3300	3100		BETWEEN 16000 AND FL190	
			TOLCA	063.93	18.48	3300	3100		BETWEEN 10000 AND 13000	
			JILLZ	064.16	07.94	3300	3100		AT 10000	
			TMRAA	068.89	08.70	3100	3100			
			ENDEE	069.00	14.20	3100	3100		BETWEEN 6000 AND 7000	
KIRKSVILLE	IRK.ENDEE7	IRK VORTAC	IRK VORTAC							
			ENNZO	079.33	54.77	4000	3100			
			FUDDDD	071.65	18.86	4000	3100		AT FL310	
			BOOKK	072.10	36.51	4000	3100		BETWEEN FL240 AND FL290	
			LLVSS	072.62	27.28	3300	3100		BETWEEN FL190 AND FL210	
			PEALE	063.74	14.83	3300	3100		BETWEEN 16000 AND FL190	
			TOLCA	063.93	18.48	3300	3100		BETWEEN 10000 AND 13000	
			JILLZ	064.16	07.94	3300	3100		AT 10000	
			TMRAA	068.89	08.70	3100	3100			
			ENDEE	069.00	14.20	3100	3100		BETWEEN 6000 AND 7000	
JALAP	JALAP.ENDEE7	JALAP	JALAP							
			KAMBL	087.11	130.46	4000	3100		BETWEEN FL240 AND FL270	
			MIGGS	087.87	11.90	4000	3100		BETWEEN FL210 AND FL230	
			EDENS	087.95	18.23	4000	3100		BETWEEN FL190 AND FL210	
			PURTY	088.75	14.90	3300	3100		BETWEEN 15000 AND FL190	
			OCCHO	089.07	13.86	3300	3100		BETWEEN 14000 AND 16000	
			KOOKS	088.96	13.24	3300	3100		BETWEEN 10000 AND 13000	
			JILLZ	077.20	07.44	3300	3100		AT 10000	
			TMRAA	068.89	08.70	3100	3100			
			ENDEE	069.00	14.20	3100	3100		BETWEEN 6000 AND 7000	
KAMBL	KAMBL.ENDEE7	KAMBL	KAMBL						BETWEEN FL240 AND FL270	
			MIGGS	087.87	11.90	4000	3100		BETWEEN FL210 AND FL230	
			EDENS	087.95	18.23	4000	3100		BETWEEN FL190 AND FL210	

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Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes	
			PURTY	088.75	14.90	3300	3100		BETWEEN 15000 AND FL190	
			OCCHO	089.07	13.86	3300	3100		BETWEEN 14000 AND 16000	
			KOOKS	088.96	13.24	3300	3100		BETWEEN 10000 AND 13000	
			JILLZ	077.20	07.44	3300	3100		AT 10000	
			TMRAA	068.89	08.70	3100	3100			
			ENDEE	069.00	14.20	3100	3100		BETWEEN 6000 AND 7000	
LLVSS	LLVSS.ENDEE7	LLVSS	LLVSS						BETWEEN FL190 AND FL210	
			PEALE	063.74	14.83	3300	3100		BETWEEN 16000 AND FL190	
			TOLCA	063.93	18.48	3300	3100		BETWEEN 10000 AND 13000	
			JILLZ	064.16	07.94	3300	3100		AT 10000	
			TMRAA	068.89	08.70	3100	3100			
			ENDEE	069.00	14.20	3100	3100		BETWEEN 6000 AND 7000	
MAGOO	MAGOO.ENDEE7	MAGOO	MAGOO							
			DARKK	045.24	18.25	4000	3100		AT FL310	
			BURUU	045.37	22.98	4000	3100		BETWEEN FL240 AND FL290	
			ILIAD	046.09	17.77	4000	3100			
			LLVSS	050.64	09.49	3300	3100		BETWEEN FL190 AND FL210	
			PEALE	063.74	14.83	3300	3100		BETWEEN 16000 AND FL190	
			TOLCA	063.93	18.48	3300	3100		BETWEEN 10000 AND 13000	
			JILLZ	064.16	07.94	3300	3100		AT 10000	
			TMRAA	068.89	08.70	3100	3100			
			ENDEE	069.00	14.20	3100	3100		BETWEEN 6000 AND 7000	
NANEE	NANEE.ENDEE7	NANEE	NANEE						BETWEEN 14000 AND 16000	
			MMEGG	030.25	21.16	3100	3100		AT/BELOW 9000	
			ENDEE	030.30	12.73	3100	3100		BETWEEN 6000 AND 7000	
OHHMY	OHHMY.ENDEE7	OHHMY	OHHMY							
			UGGLY	142.23	56.26	4000	3100		AT FL240	
			JNSNN	142.83	12.50	4000	3100		AT FL240	

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Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes	
			AGONY	142.95	13.10	4000	3100		BETWEEN FL210 AND FL230	
			FARCE	143.17	17.34	3300	3100			
			CHUMP	143.12	20.70	3300	3100		BETWEEN 17000 AND FL210	
			HEDOC	143.53	11.75	3300	3100			
			PURTY	143.25	07.01	3300	3100		BETWEEN 15000 AND FL190	
			OCCHO	089.07	13.86	3300	3100		BETWEEN 14000 AND 16000	
			KOOKS	088.96	13.24	3300	3100		BETWEEN 10000 AND 13000	
			JILLZ	077.20	07.44	3300	3100		AT 10000	
			TMRAA	068.89	08.70	3100	3100			
			ENDEE	069.00	14.20	3100	3100		BETWEEN 6000 AND 7000	
PHEEB	PHEEB.ENDEE7	PHEEB	PHEEB						AT/ABOVE FL240	
			POOGY	040.47	10.00	3100	3100		BETWEEN FL220 AND FL270	
			DAJON	030.08	03.98	3100	3100		AT/BELOW FL230	
			NANEE	030.14	27.38	3100	3100		BETWEEN 14000 AND 16000	
			MMEGG	030.25	21.16	3100	3100		AT/BELOW 9000	
			ENDEE	030.30	12.73	3100	3100		BETWEEN 6000 AND 7000	
POOGY	POOGY.ENDEE7	POOGY	POOGY						BETWEEN FL220 AND FL270	
			DAJON	030.08	03.98	3100	3100		AT/BELOW FL230	
			NANEE	030.14	27.38	3100	3100		BETWEEN 14000 AND 16000	
			MMEGG	030.25	21.16	3100	3100		AT/BELOW 9000	
			ENDEE	030.30	12.73	3100	3100		BETWEEN 6000 AND 7000	
UGGLY	UGGLY.ENDEE7	UGGLY	UGGLY						AT FL240	
			JNSNN	142.83	12.50	4000	3100		AT FL240	
			AGONY	142.95	13.10	4000	3100		BETWEEN FL210 AND FL230	
			FARCE	143.17	17.34	3300	3100			
			CHUMP	143.12	20.70	3300	3100		BETWEEN 17000 AND FL210	
			HEDOC	143.53	11.75	3300	3100			
			PURTY	143.25	07.01	3300	3100		BETWEEN 15000 AND FL190	

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ENDEE (RNAV)	SEVEN		ENDEE.ENDEE7		SIX			12/31/2020	12 JUN 2025
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
			OCCHO	089.07	13.86	3300	3100		BETWEEN 14000 AND 16000
			KOOKS	088.96	13.24	3300	3100		BETWEEN 10000 AND 13000
			JILLZ	077.20	07.44	3300	3100		AT 10000
			TMRAA	068.89	08.70	3100	3100		
			ENDEE	069.00	14.20	3100	3100		BETWEEN 6000 AND 7000

**ARRIVAL ROUTE DESCRIPTION:**

FROM ENDEE ON TRACK 055.02/12.67 TO CROSS STKNY AT 6000.

LANDING RWY 4R: FROM STKNY ON TRACK 076.54/12.58 TO CROSS ALQUE AT 6000, THEN ON TRACK 047.00. EXPECT ILS OR LOC RWY 4R APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 13L: FROM STKNY ON TRACK 042.63/10.81 TO GORLC, THEN ON TRACK 042.63. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 22L: FROM STKNY ON TRACK 062.29/8.40 TO CROSS PKACH AT 6000, THEN ON TRACK 062.37/19.99 TO TUURN, THEN ON TRACK 090.40/5.56 TO WADLL, THEN ON TRACK 095.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 31R: FROM STKNY ON TRACK 087.00/19.50 TO WNNRS, THEN ON TRACK 087.30/6.88 TO GAGGA, THEN ON TRACK 091.00. 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: DARKK, FUDDD, NANEE, LLVSS, CHUMP, EDENS, AND POOGY TRANSITIONS, ATC ASSIGNED ONLY.

**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING AT CHUMP: HOLD NW, RT, 143.12 INBOUND, 10 NM LEGS.

CHART HOLDING AT EDENS: HOLD W, RT, 087.95 INBOUND, 10 NM LEGS.

CHART HOLDING AT ENDEE: HOLD SW, RT, 030.30 INBOUND, 10 NM LEGS.

CHART HOLDING AT IRK VORTAC: HOLD SW, LT, 067.00 INBOUND, 10 NM LEGS.

CHART HOLDING AT JILLZ: HOLD SW, RT, 064.16 INBOUND, 10 NM LEGS.

CHART HOLDING AT KAMBL: HOLD W, RT, 087.11 INBOUND, 10 NM LEGS.

CHART HOLDING AT LLVSS: HOLD W, RT, 072.62 INBOUND, 10 NM LEGS.

CHART HOLDING AT MAGOO: HOLD SW, RT, 039.00 INBOUND, 10 NM LEGS.

CHART HOLDING AT MMEGG: HOLD SW, RT, 030.25 INBOUND, 10 NM LEGS.

CHART HOLDING AT NANEE: HOLD SW, LT, 030.11 INBOUND, 10 NM LEGS.

CHART HOLDING AT POOGY: HOLD SW, LT, 040.47 INBOUND, 10 NM LEGS.

**COMMUNICATIONS:**

FEDERAL AVIATION ADMINISTRATION  
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ENDEE (RNAV)	SEVEN	ENDEE.ENDEE7	SIX	12/31/2020	12 JUN 2025

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
MDW	CHICAGO	IL

LOST COMMUNICATIONS PREFERENCES:REMARKS:

DO NOT CHART MOCA VALUES WITHIN 500 FT OF MEA IAW 8260.19J.  
LOWEST ASSIGNED ATC ALTITUDE AT GAGGA, 2500.  
LOWEST ASSIGNED ATC ALTITUDE AT GORLC, 2500.  
LOWEST ASSIGNED ATC ALTITUDE AT WADLL, 2500.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)  
MAG VAR: MDW 04W/2015  
CHART AT WADLL TERMINUS: MDW LDG RWY 22L  
CHART AT GORLC TERMINUS: MDW LDG RWY 13L  
CHART AT GAGGA TERMINUS: MDW LDG RWY 31R  
CHART AT ALQUE TERMINUS: MDW LDG RWY 4R

FLIGHT INSPECTED BY:ORGANIZATION: DATE:

SCOTT WIEBE

AJF

03/20/2025

Flight Inspected Signature:

Digitally signed by

**ROBERT G HAMILTON**

Mar 24, 2025

DEVELOPED BY:

JOSEPH BOCIK, AIRSPACE PROCEDURES MANAGER

CHICAGO ARTCC 7/30/2024

Developed By Signature:

Digitally signed by

**ROBERT G HAMILTON**

Mar 24, 2025

APPROVED BY:

Bev Bordy

AJV-A430

Approved By Signature:

Digitally signed by

**ROBERT G HAMILTON**

Mar 24, 2025

CHANGES:

1. ADDED JNSNN WP WITH FL240 RESTRICTION BETWEEN UGGLY AND AGONY.
2. ADDED DAJON WP WITH AT OR BELOW FL230 RESTRICTION BETWEEN POOGY AND NANEE.
3. ADDED TMRAA WP BETWEEN JILLZ AND ENDEE.
4. ADDED HOLDING AT JILLZ: HOLD SW, RT, 064.16 INBOUND, 10 NM LEGS.
5. ADDED HOLDING AT EDENS: HOLD W, RT, 087.95 INBOUND, 10 NM LEGS.
6. UPDATED MOCA VALUES.
7. CHANGED RWYS 13C/31C TO 13L/31R.

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8. PROCEDURAL DATA NOTES RNAV 1 AND DME/DME/IRU OR GPS REQUIRED REPLACED WITH PBN REQUIREMENT NOTE RNAV 1 - DME/DME/IRU OR GPS.
9. RADAR REQUIRED NOTE MOVED FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES.
10. REMOVED ALL USAGE OF THE LETTER K IN AIRPORT IDENTs ON THE 17.1 FORM.
11. REPLACED AIRPORT NAME WITH AIRPORT ID IN AIRPORTS SERVED.
12. REMOVED MDW ATIS, CHICAGO APPROACH CONTROL FROM COMMUNICATIONS.

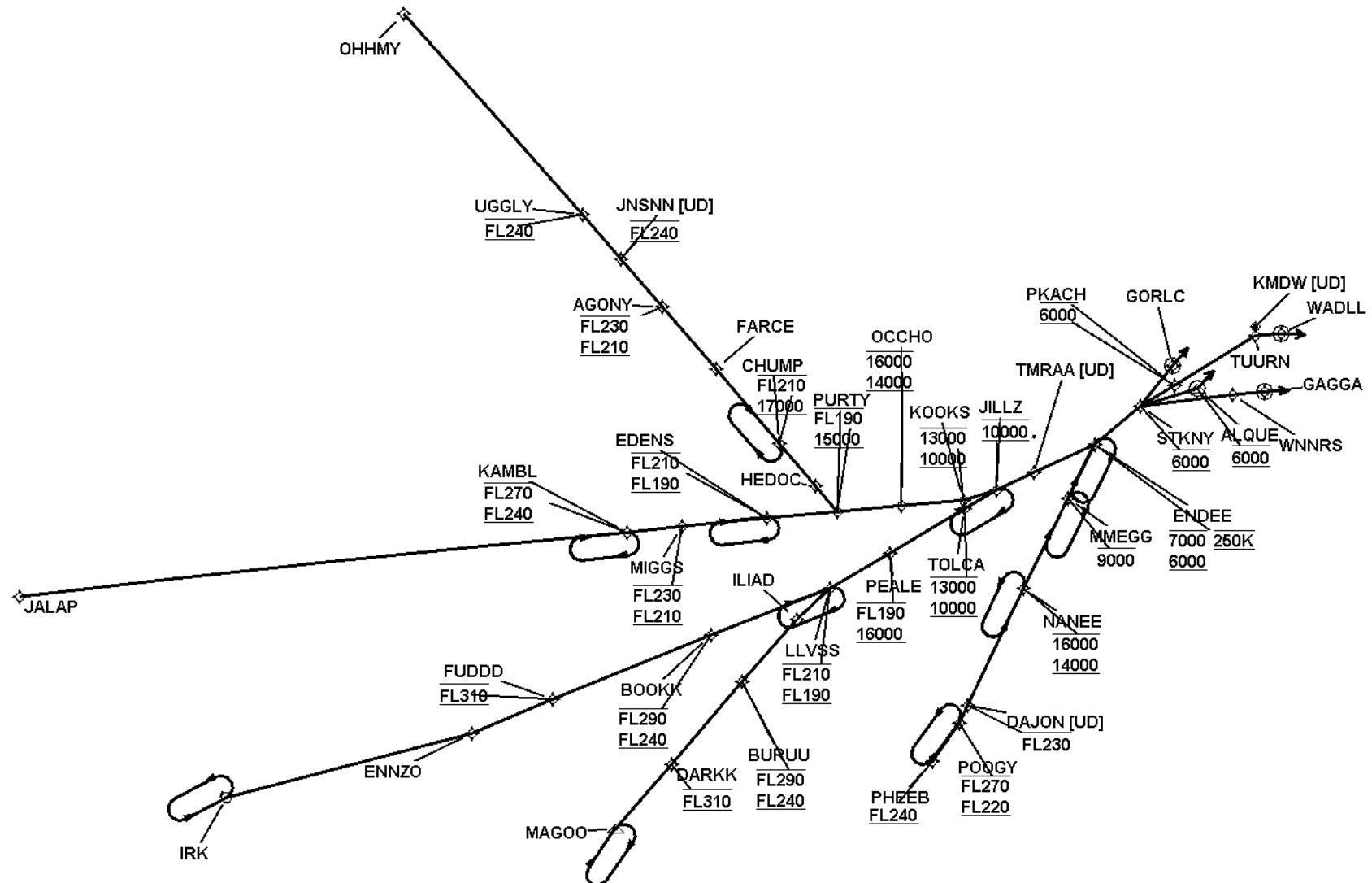
**REASONS:**

- 1, 2. ALLOW FOR INCREASED USE OF DESCEND VIA CLEARANCES.
3. REFERENCE POINT TO SEPARATE TRAFFIC FROM SKYDIVING OPERATIONS AT 8N2.
- 4, 5. ATC REQUEST TO BETTER MANAGE HIGH VOLUME TRAFFIC PERIODS.
6. NEW OBSTACLE SURVEY AND IAW FAAO 8260.3F PARA 2-2-7d(3).
7. RWY 13L/31R DECOMMISSIONED, RWY 13C/31C RENUMBERED TO 13L/31R.
8. DOCUMENTED IAW 8260.19J PARA 4-5-3(D)1.
9. DOCUMENTED IAW 8260.19J PARA 4-5-12(D)2.
- 10-11. CURRENT DOCUMENTATION STANDARDS.
12. APPROACH CONTROL AND ATIS FREQUENCIES ARE AUTOMATICALLY CHARTED AND DO NOT NEED TO BE DOCUMENTED IN THIS SECTION IAW 8260.19J PARA 4-5-12(F).

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Graphic Depiction 1					





FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STAR (DATA RECORD)

Arrival Name ENDEE (RNAV)		Number SEVEN		STAR Computer Code ENDEE.ENDEE7			Superseded Number SIX			Dated 12/31/2020	Effective Date 12 JUN 2025
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
En Route Transition											
CHUMP	412235.21N / 0895926.06W	Y		IF			17000BFL210		CHUMP.ENDEE7		
HEDOC	411337.93N / 0894919.41W	Y	FB	TF	139.53	11.75					
PURTY	410819.16N / 0894316.22W	Y	FB	TF	139.25	07.01	15000BFL190				
OCCHO	410929.21N / 0892459.21W	Y	FB	TF	085.07	13.86	14000B16000				
KOOKS	411037.65N / 0890731.28W	Y	FB	TF	084.96	13.24	10000B13000				
JILLZ	411246.35N / 0885805.04W	Y	FB	TF	073.20	07.44	AT 10000				
TMRAA	411627.57N / 0884738.10W	Y	FB	TF	064.89	08.70					
ENDEE	412226.60N / 0883032.30W	Y	FB	TF	065.00	14.20	6000B7000	AT 250K			
En Route Transition											
DARKK	401512.58N / 0902959.96W	Y		IF			AT FL310		DARKK.ENDEE7		
BURUU	403226.41N / 0901004.41W	Y	FB	TF	041.37	22.98	FL240BFL290				
ILIAD	404537.00N / 0895424.00W	Y	FB	TF	042.09	17.77					
LLVSS	405208.00N / 0894518.00W	Y	FB	TF	046.64	09.49	FL190BFL210				
PEALE	405935.48N / 0892822.82W	Y	FB	TF	059.74	14.83	16000BFL190				
TOLCA	410849.44N / 0890712.78W	Y	FB	TF	059.93	18.48	10000B13000				
JILLZ	411246.35N / 0885805.04W	Y	FB	TF	060.16	07.94	AT 10000				
TMRAA	411627.57N / 0884738.10W	Y	FB	TF	064.89	08.70					
ENDEE	412226.60N / 0883032.30W	Y	FB	TF	065.00	14.20	6000B7000	AT 250K			
En Route Transition											
EDENS	410659.01N / 0900254.70W	Y		IF			FL190BFL210		EDENS.ENDEE7		
PURTY	410819.16N / 0894316.22W	Y	FB	TF	084.75	14.90	15000BFL190				
OCCHO	410929.21N / 0892459.21W	Y	FB	TF	085.07	13.86	14000B16000				
KOOKS	411037.65N / 0890731.28W	Y	FB	TF	084.96	13.24	10000B13000				
JILLZ	411246.35N / 0885805.04W	Y	FB	TF	073.20	07.44	AT 10000				
TMRAA	411627.57N / 0884738.10W	Y	FB	TF	064.89	08.70					
ENDEE	412226.60N / 0883032.30W	Y	FB	TF	065.00	14.20	6000B7000	AT 250K			

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

Arrival Name ENDEE (RNAV)	Number SEVEN		STAR Computer Code ENDEE.ENDEE7		Superseded Number SIX		Dated 12/31/2020		Effective Date 12 JUN 2025	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
En Route Transition										
FUDDD	402846.58N / 0910319.49W	Y		IF			AT FL310		FUDDD.ENDEE7	
BOOKK	404215.65N / 0901847.00W	Y	FB	TF	068.10	36.51	FL240BFL290			
LLVSS	405208.00N / 0894518.00W	Y	FB	TF	068.62	27.28	FL190BFL210			
PEALE	405935.48N / 0892822.82W	Y	FB	TF	059.74	14.83	16000BFL190			
TOLCA	410849.44N / 0890712.78W	Y	FB	TF	059.93	18.48	10000B13000			
JILLZ	411246.35N / 0885805.04W	Y	FB	TF	060.16	07.94	AT 10000			
TMRAA	411627.57N / 0884738.10W	Y	FB	TF	064.89	08.70				
ENDEE	412226.60N / 0883032.30W	Y	FB	TF	065.00	14.20	6000B7000	AT 250K		
En Route Transition										
IRK VORTAC	400806.06N / 0923530.17W	Y		IF					IRK.ENDEE7	
ENNZO	402138.20N / 0912611.00W	Y	FB	TF	075.33	54.77				
FUDDD	402846.58N / 0910319.49W	Y	FB	TF	067.65	18.86	AT FL310			
BOOKK	404215.65N / 0901847.00W	Y	FB	TF	068.10	36.51	FL240BFL290			
LLVSS	405208.00N / 0894518.00W	Y	FB	TF	068.62	27.28	FL190BFL210			
PEALE	405935.48N / 0892822.82W	Y	FB	TF	059.74	14.83	16000BFL190			
TOLCA	410849.44N / 0890712.78W	Y	FB	TF	059.93	18.48	10000B13000			
JILLZ	411246.35N / 0885805.04W	Y	FB	TF	060.16	07.94	AT 10000			
TMRAA	411627.57N / 0884738.10W	Y	FB	TF	064.89	08.70				
ENDEE	412226.60N / 0883032.30W	Y	FB	TF	065.00	14.20	6000B7000	AT 250K		
En Route Transition										
JALAP	405018.00N / 0933348.00W	Y		IF					JALAP.ENDEE7	
KAMBL	410351.01N / 0904232.62W	Y	FB	TF	083.11	130.46	FL240BFL270			
MIGGS	410506.18N / 0902654.19W	Y	FB	TF	083.87	11.90	FL210BFL230			
EDENS	410659.01N / 0900254.70W	Y	FB	TF	083.95	18.23	FL190BFL210			
PURTY	410819.16N / 0894316.22W	Y	FB	TF	084.75	14.90	15000BFL190			
OCCHO	410929.21N / 0892459.21W	Y	FB	TF	085.07	13.86	14000B16000			
KOOKS	411037.65N / 0890731.28W	Y	FB	TF	084.96	13.24	10000B13000			

QUALITY

FEDERAL AVIATION ADMINISTRATION  
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STAR (DATA RECORD)

Arrival Name ENDEE (RNAV)		Number SEVEN		STAR Computer Code ENDEE.ENDEE7		Superseded Number SIX		Dated 12/31/2020	Effective Date 12 JUN 2025
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
JILLZ	411246.35N / 0885805.04W	Y	FB	TF	073.20	07.44	AT 10000		
TMRAA	411627.57N / 0884738.10W	Y	FB	TF	064.89	08.70			
ENDEE	412226.60N / 0883032.30W	Y	FB	TF	065.00	14.20	6000B7000	AT 250K	
En Route Transition									
KAMBL	410351.01N / 0904232.62W	Y		IF			FL240BFL270		KAMBL.ENDEE7
MIGGS	410506.18N / 0902654.19W	Y	FB	TF	083.87	11.90	FL210BFL230		
EDENS	410659.01N / 0900254.70W	Y	FB	TF	083.95	18.23	FL190BFL210		
PURTY	410819.16N / 0894316.22W	Y	FB	TF	084.75	14.90	15000BFL190		
OCCHO	410929.21N / 0892459.21W	Y	FB	TF	085.07	13.86	14000B16000		
KOOKS	411037.65N / 0890731.28W	Y	FB	TF	084.96	13.24	10000B13000		
JILLZ	411246.35N / 0885805.04W	Y	FB	TF	073.20	07.44	AT 10000		
TMRAA	411627.57N / 0884738.10W	Y	FB	TF	064.89	08.70			
ENDEE	412226.60N / 0883032.30W	Y	FB	TF	065.00	14.20	6000B7000	AT 250K	
En Route Transition									
LLVSS	405208.00N / 0894518.00W	Y		IF			FL190BFL210		LLVSS.ENDEE7
PEALE	405935.48N / 0892822.82W	Y	FB	TF	059.74	14.83	16000BFL190		
TOLCA	410849.44N / 0890712.78W	Y	FB	TF	059.93	18.48	10000B13000		
JILLZ	411246.35N / 0885805.04W	Y	FB	TF	060.16	07.94	AT 10000		
TMRAA	411627.57N / 0884738.10W	Y	FB	TF	064.89	08.70			
ENDEE	412226.60N / 0883032.30W	Y	FB	TF	065.00	14.20	6000B7000	AT 250K	
En Route Transition									
MAGOO	400129.73N / 0904542.60W	Y		IF					MAGOO.ENDEE7
DARKK	401512.58N / 0902959.96W	Y	FB	TF	041.24	18.25	AT FL310		
BURUU	403226.41N / 0901004.41W	Y	FB	TF	041.37	22.98	FL240BFL290		
ILIAD	404537.00N / 0895424.00W	Y	FB	TF	042.09	17.77			
LLVSS	405208.00N / 0894518.00W	Y	FB	TF	046.64	09.49	FL190BFL210		
PEALE	405935.48N / 0892822.82W	Y	FB	TF	059.74	14.83	16000BFL190		

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FLIGHT STANDARDS SERVICE  
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Arrival Name ENDEE (RNAV)		Number SEVEN		STAR Computer Code ENDEE.ENDEE7		Superseded Number SIX		Dated 12/31/2020	Effective Date 12 JUN 2025
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
TOLCA	410849.44N / 0890712.78W	Y	FB	TF	059.93	18.48	10000B13000		
JILLZ	411246.35N / 0885805.04W	Y	FB	TF	060.16	07.94	AT 10000		
TMRAA	411627.57N / 0884738.10W	Y	FB	TF	064.89	08.70			
ENDEE	412226.60N / 0883032.30W	Y	FB	TF	065.00	14.20	6000B7000	AT 250K	
En Route Transition									
NANEE	405202.81N / 0885025.56W	Y		IF			14000B16000		NANEE.ENDEE7
MMEGG	411101.53N / 0883801.97W	Y	FB	TF	026.25	21.16	AT/BELOW 9000		
ENDEE	412226.60N / 0883032.30W	Y	FB	TF	026.30	12.73	6000B7000	AT 250K	
En Route Transition									
OHHMY	425253.00N / 0914530.00W	Y		IF					OHHMY.ENDEE7
UGGLY	421043.37N / 0905505.91W	Y	FB	TF	138.23	56.26	AT FL240		
JNSNN	420118.06N / 0904403.47W	Y	FB	TF	138.83	12.50	AT FL240		
AGONY	415124.67N / 0903232.96W	Y	FB	TF	138.95	13.10	FL210BFL230		
FARCE	413816.16N / 0901725.73W	Y	FB	TF	139.17	17.34			
CHUMP	412235.21N / 0895926.06W	Y	FB	TF	139.12	20.70	17000BFL210		
HEDOC	411337.93N / 0894919.41W	Y	FB	TF	139.53	11.75			
PURTY	410819.16N / 0894316.22W	Y	FB	TF	139.25	07.01	15000BFL190		
OCCHO	410929.21N / 0892459.21W	Y	FB	TF	085.07	13.86	14000B16000		
KOOKS	411037.65N / 0890731.28W	Y	FB	TF	084.96	13.24	10000B13000		
JILLZ	411246.35N / 0885805.04W	Y	FB	TF	073.20	07.44	AT 10000		
TMRAA	411627.57N / 0884738.10W	Y	FB	TF	064.89	08.70			
ENDEE	412226.60N / 0883032.30W	Y	FB	TF	065.00	14.20	6000B7000	AT 250K	
En Route Transition									
PHEEB	401550.83N / 0891624.04W	Y		IF			AT/ABOVE FL240		PHEEB.ENDEE7
POOGY	402353.42N / 0890837.15W	Y	FB	TF	036.47	10.00	FL220BFL270		
DAJON	402727.96N / 0890619.64W	Y	FB	TF	026.08	03.98	AT/BELOW FL230		
NANEE	405202.81N / 0885025.56W	Y	FB	TF	026.14	27.38	14000B16000		

**FEDERAL AVIATION ADMINISTRATION  
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Arrival Name ENDEE (RNAV)		Number SEVEN		STAR Computer Code ENDEE.ENDEE7		Superseded Number SIX		Dated 12/31/2020	Effective Date 12 JUN 2025
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
MMEGG	411101.53N / 0883801.97W	Y	FB	TF	026.25	21.16	AT/BELOW 9000		
ENDEE	412226.60N / 0883032.30W	Y	FB	TF	026.30	12.73	6000B7000	AT 250K	
En Route Transition									
POOGY	402353.42N / 0890837.15W	Y		IF			FL220BFL270		POOGY.ENDEE7
DAJON	402727.96N / 0890619.64W	Y	FB	TF	026.08	03.98	AT/BELOW FL230		
NANEE	405202.81N / 0885025.56W	Y	FB	TF	026.14	27.38	14000B16000		
MMEGG	411101.53N / 0883801.97W	Y	FB	TF	026.25	21.16	AT/BELOW 9000		
ENDEE	412226.60N / 0883032.30W	Y	FB	TF	026.30	12.73	6000B7000	AT 250K	
En Route Transition									
UGGLY	421043.37N / 0905505.91W	Y		IF			AT FL240		UGGLY.ENDEE7
JNSNN	420118.06N / 0904403.47W	Y	FB	TF	138.83	12.50	AT FL240		
AGONY	415124.67N / 0903232.96W	Y	FB	TF	138.95	13.10	FL210BFL230		
FARCE	413816.16N / 0901725.73W	Y	FB	TF	139.17	17.34			
CHUMP	412235.21N / 0895926.06W	Y	FB	TF	139.12	20.70	17000BFL210		
HEDOC	411337.93N / 0894919.41W	Y	FB	TF	139.53	11.75			
PURTY	410819.16N / 0894316.22W	Y	FB	TF	139.25	07.01	15000BFL190		
OCCHO	410929.21N / 0892459.21W	Y	FB	TF	085.07	13.86	14000B16000		
KOOKS	411037.65N / 0890731.28W	Y	FB	TF	084.96	13.24	10000B13000		
JILLZ	411246.35N / 0885805.04W	Y	FB	TF	073.20	07.44	AT 10000		
TMRAA	411627.57N / 0884738.10W	Y	FB	TF	064.89	08.70			
ENDEE	412226.60N / 0883032.30W	Y	FB	TF	065.00	14.20	6000B7000	AT 250K	
Common Route									
ENDEE	412226.60N / 0883032.30W	Y		IF			6000B7000	AT 250K	ENDEE.ENDEE7
STKNY	413024.41N / 0881725.60W	Y	FB	TF	051.02	12.67	AT 6000		

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Arrival Name ENDEE (RNAV)		Number SEVEN		STAR Computer Code ENDEE.ENDEE7			Superseded Number SIX		Dated 12/31/2020	Effective Date 12 JUN 2025
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
Runway Transition										
STKNY	413024.41N / 0881725.60W	Y		IF			AT 6000			
ALQUE	413409.92N / 0880126.17W	Y	FO	TF	072.54	12.58	AT 6000			
KMDW:RWY 4R				FM	043.00					
Runway Transition										
STKNY	413024.41N / 0881725.60W	Y		IF			AT 6000			
GORLC	413850.96N / 0880825.56W	Y	FO	TF	038.63	10.81				
KMDW:RWY 13L				FM	038.63					
Runway Transition										
STKNY	413024.41N / 0881725.60W	Y		IF			AT 6000			
PKACH	413449.14N / 0880754.16W	Y	FB	TF	058.29	08.40	AT 6000			
TUURN	414516.12N / 0874509.67W	Y	FB	TF	058.37	19.99				
WADLL	414536.80N / 0873745.03W	Y	FO	TF	086.40	05.56				
KMDW:RWY 22L				FM	091.00					
Runway Transition										
STKNY	413024.41N / 0881725.60W	Y		IF			AT 6000			
WNNRS	413244.20N / 0875138.74W	Y	FB	TF	083.00	19.50				
GAGGA	413332.00N / 0874233.00W	Y	FO	TF	083.30	06.88				
KMDW:RWY 31R				FM	087.00					