

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date				
WYNDE (RNAV)	THREE	WYNDE.WYNDE3	TWO	11/05/2020					
TRANSITION ROUTES:									
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
FLINT	FNT.WYNDE3	FNT VORTAC	FNT VORTAC						
			KAYYS	265.63	37.08	6000	2500		
			LTOUR	265.08	15.05	6000	2500		
			VIO VOR/DME	264.83	25.83	6000	2500		
			DITCA	259.40	10.29	6000	2500		
			WLTER	259.25	14.93	6000	2100		
			RHIVR	259.02	10.02	6000	2100		
			PAITN	258.88	20.67	6000	2000		
			WYNDE	252.97	18.32	6000	1800		
KAYYS	KAYYS.WYNDE3	KAYYS	KAYYS						
			LTOUR	265.08	15.05	6000	2500		
			VIO VOR/DME	264.83	25.83	6000	2500		
			DITCA	259.40	10.29	6000	2500		
			WLTER	259.25	14.93	6000	2100		
			RHIVR	259.02	10.02	6000	2100		
			PAITN	258.88	20.67	6000	2000		
			WYNDE	252.97	18.32	6000	1800		
OBSTR	OBSTR.WYNDE3	OBSTR	OBSTR						
			CSTLO	195.89	31.65	6000	3100		
			VIO VOR/DME	195.78	24.23	6000	2500		
			DITCA	259.40	10.29	6000	2500		
			WLTER	259.25	14.93	6000	2100		
			RHIVR	259.02	10.02	6000	2100		
			PAITN	258.88	20.67	6000	2000		
			WYNDE	252.97	18.32	6000	1800		
ODAXY	ODAXY.WYNDE3	ODAXY	ODAXY						
			GAULT	251.33	87.91	9000	3100		

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Arrival Name WYNDE (RNAV)		Number THREE		STAR Computer Code WYNDE.WYNDE3		Superseded Number TWO			Dated 11/05/2020	Effective Date
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes	
			OBSTR	195.97	23.50	6000	3100			
			CSTLO	195.89	31.65	6000	3100			
			VIO VOR/DME	195.78	24.23	6000	2500			
			DITCA	259.40	10.29	6000	2500			
			WLTER	259.25	14.93	6000	2100			
			RHIVR	259.02	10.02	6000	2100			
			PAITN	258.88	20.67	6000	2000			
			WYNDE	252.97	18.32	6000	1800			
SMUUV	SMUUV.WYNDE3	SMUUV	SMUUV							
			WYNDE	272.50	43.65	6000	2200			
SAULT STE MARIE	SSM.WYNDE3	SSM VOR/DME	SSM VOR/DME							
			JODEE	196.53	69.92	9000	3200			
			GAULT	196.26	74.04	9000	3200			
			OBSTR	195.97	23.50	6000	3100			
			CSTLO	195.89	31.65	6000	3100			
			VIO VOR/DME	195.78	24.23	6000	2500			
			DITCA	259.40	10.29	6000	2500			
			WLTER	259.25	14.93	6000	2100			
			RHIVR	259.02	10.02	6000	2100			
			PAITN	258.88	20.67	6000	2000			
			WYNDE	252.97	18.32	6000	1800			
TRAVERSE CITY	TVC.WYNDE3	TVC VOR/DME	TVC VOR/DME						AT/BELOW FL240	
			PECOK	193.57	40.29	9000	3600			
			UFDUH	193.44	18.16	9000	2900		AT/BELOW FL240	
			BITTR	193.41	35.88	9000	2900			
			WLTER	193.30	26.52	6000	2700			
			RHIVR	259.02	10.02	6000	2100			

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Arrival Name WYNDE (RNAV)		Number THREE		STAR Computer Code WYNDE.WYNDE3		Superseded Number TWO			Dated 11/05/2020		Effective Date
Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes		
			PAITN	258.88	20.67	6000	2000				
			WYNDE	252.97	18.32	6000	1800				
UFDUH	UFDUH.WYNDE3	UFDUH	UFDUH						AT/BELOW FL240		
			BITTR	193.41	35.88	9000	2900				
			WLTER	193.30	26.52	6000	2700				
			RHIVR	259.02	10.02	6000	2100				
			PAITN	258.88	20.67	6000	2000				
			WYNDE	252.97	18.32	6000	1800				
VICTORY	VIO.WYNDE3	VIO VOR/DME	VIO VOR/DME								
			DITCA	259.40	10.29	6000	2500				
			WLTER	259.25	14.93	6000	2100				
			RHIVR	259.02	10.02	6000	2100				
			PAITN	258.88	20.67	6000	2000				
			WYNDE	252.97	18.32	6000	1800				

ARRIVAL ROUTE DESCRIPTION:

FROM WYNDE ON TRACK 252.72/10.00 TO FIYER, THEN ON TRACK 252.57/10.11 TO ERNNY, THEN ON TRACK 221.28/5.25 TO PAPPI, THEN ON TRACK 221.03/6.78 TO TUBEZ.

LANDING RWY 22L/R, 4R, 27L/C/R, 28L/C/R, 9L/C/R: FROM TUBEZ ON TRACK 220.97/6.78 TO VULCN, THEN ON TRACK 273.10/10.41 TO KURKK, THEN ON TRACK 272.82/11.09 TO BAMBB, THEN ON TRACK 272.82. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 10L/C/R: FROM TUBEZ ON TRACK 197.28/18.35 TO MONKZ, THEN ON TRACK 273.13/8.37 TO JORJO, THEN ON TRACK 270.47/12.86 TO POSSM, THEN ON TRACK 270.47. 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: ORD LANDING WEST: EXPECT RADAR VECTORS TO FINAL APPROACH COURSE AFTER PAPPI.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT BITTR: HOLD N, RT, 193.41 INBOUND, 10 NM LEGS.

CHART HOLDING AT CSTLO: HOLD N, RT, 195.89 INBOUND, 12 NM LEGS.

CHART HOLDING AT KAYYS: HOLD E, RT, 265.63 INBOUND, 12 NM LEGS.

CHART HOLDING AT GAULT: HOLD N, RT, 196.26 INBOUND, 12 NM LEGS.

CHART HOLDING AT JODEE: HOLD N, RT, 196.53 INBOUND, 12 NM LEGS.

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WYNDE (RNAV)	THREE	WYNDE.WYNDE3	TWO	11/05/2020	

CHART HOLDING AT PAITN: HOLD E, RT, 258.88 INBOUND, 9 NM LEGS.
CHART HOLDING AT PECOK: HOLD N, RT, 193.57 INBOUND, 10 NM LEGS.
CHART HOLDING AT WLTER: HOLD E, LT, 259.40 INBOUND, 10 NM LEGS.
CHART HOLDING AT WYNDE: HOLD E, RT, 252.97 INBOUND, 9 NM LEGS.

COMMUNICATIONS:

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
ORD	CHICAGO	IL

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

PASSING VIO VOR/DME REQUIRES 16 DEG BANK ANGLE; WLTER 23 DEG BANK ANGLE; AVOIDS LOA FOR SEG DISTANCE; AFS MEMO PERMITS THESE VALUES.
SHIPS OVER WATER ASSUME 208 HEIGHT AT A STARTING ELEVATION OF 578 FT.
LOWEST ASSIGNED ATC ALTITUDE AT BAMBB, 4000.
LOWEST ASSIGNED ATC ALTITUDE AT POSSM, 4000.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
MAG VAR: ORD 03W/2010
CHART AT BAMBB TERMINUS: ORD LDG RWY 4R, 9L/C/R, 22L/R, 27L/C/R, 28L/C/R
CHART AT POSSM TERMINUS: ORD LDG RWY 10L/C/R

FLIGHT INSPECTED BY:

GLEN B. FREEMAN

ORGANIZATION:

AJF

DATE:

01/07/2025

Flight Inspected Signature:

Digitally signed by

ERIC N SUSKI

Jan 28, 2025

Digitally signed by

ERIC N SUSKI

Jan 28, 2025

Digitally signed by

ERIC N SUSKI

Jan 28, 2025

DEVELOPED BY:

JOSEPH BOCIK, AIRSPACE/PROCEDURES MANAGER

CHICAGO ARTCC

08/23/2024

Developed By Signature:

APPROVED BY:

JOHN BORDY

AJV-A33

Approved By Signature:

CHANGES:

1. RENAMED EMMMA WP TO KAYYS.
2. ADDED DITCA WP TO SSM, ODAXY, AND OBSTR ENROUTE TRANSITIONS.

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3. ADDED RHIVR WP TO TVC AND UFDUH ENROUTE TRANSITIONS.
4. MOVED DITCA WP 1823 FT WEST.
5. INPUT PBN AND EQUIPMENT REQUIREMENT NOTES; EDITED PROCEDURE DATA NOTES SECTION FOR THESE.
6. REMOVED AIRPORT NAME FROM AIRPORTS SERVED.
7. REMOVED K IDENT FROM 17.1 FORM.
8. ADDED LOWEST ATC ASSIGNED ALT TO REMARKS.
9. TRANSITION ROUTES: UPDATED MOCA VALUES.
10. ADDED RHIVR WP TO TVC AND UFDUH ENROUTE TRANSITIONS.
11. REMOVED ALL INSTANCES OF RWY 4L

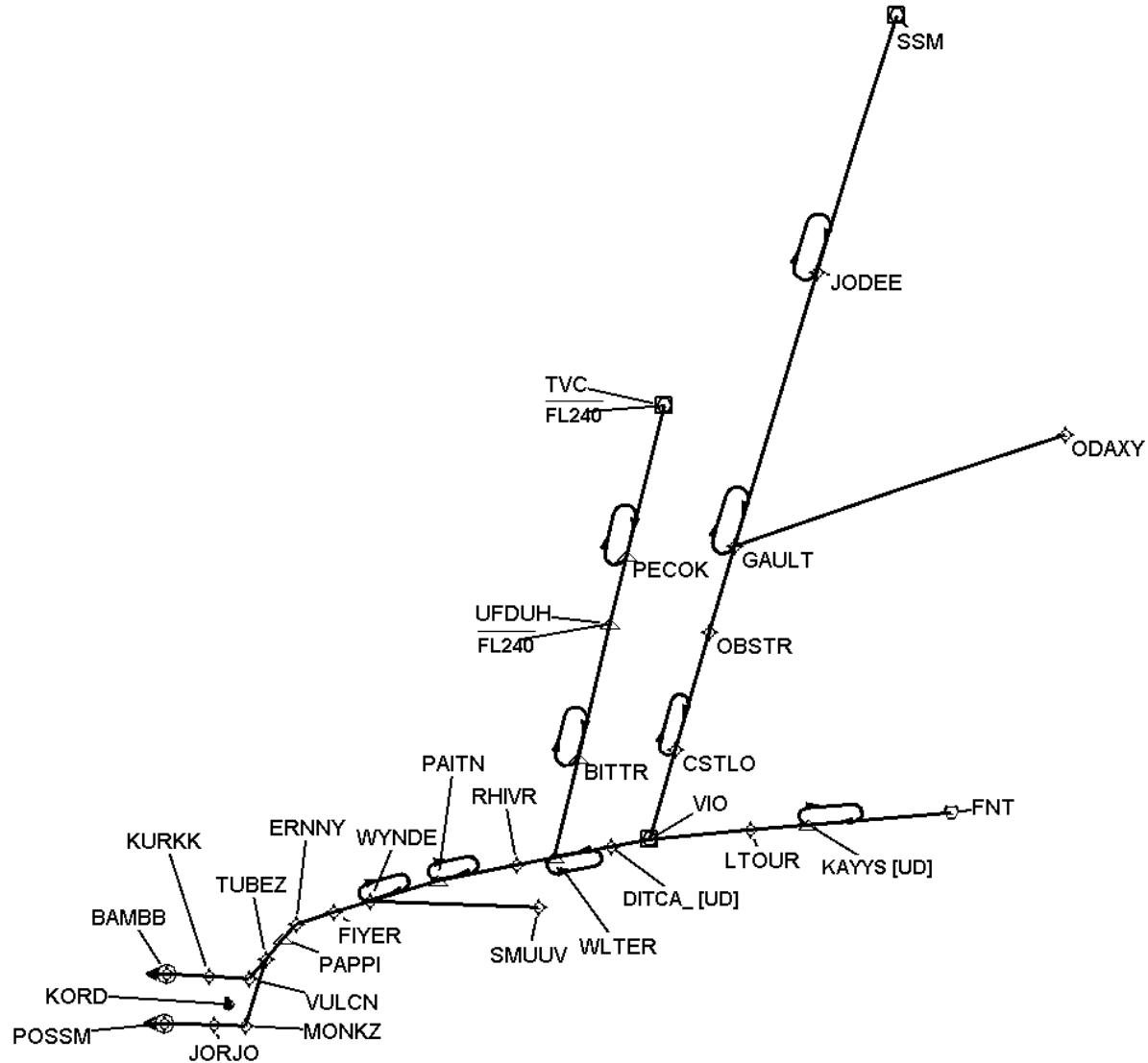
REASONS:

1. ATC REQUEST - RESOLVE SIMILAR SOUNDING WP NAME ISSUE.
- 2, 3, 10. ATC REQUEST REDUCE CHART CLUTTER AND PILOT CONFUSION.
4. RESOLVE LEG LENGTH CRITERIA FAILURE.
- 5, 7. IAW 8260.19J, 4-5-3.
6. IAW 6260.19J, 4-5-12G.
8. STAR Termination Altitude MEMO.
- 9: NEW OBSTACLE EVALUATION.
11. ATC REQUEST TO REMOVE RWY 4L DUE TO OPERATIONAL NECESSITY.

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
WYNDE (RNAV)	THREE	WYNDE.WYNDE3	TWO	11/05/2020	
Graphic Depiction 1					



FEDERAL AVIATION ADMINISTRATION
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STAR (DATA RECORD)

Arrival Name WYNDE (RNAV)	Number THREE		STAR Computer Code WYNDE.WYNDE3		Superseded Number TWO		Dated 11/05/2020		Effective Date
<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									
FNT VORTAC	425800.38N / 0834449.08W	Y		IF					FNT.WYNDE3
KAYYS	425303.96N / 0843450.40W	Y	FB	TF	262.63	37.08			
LTOUR	425057.69N / 0845505.90W	Y	FB	TF	262.08	15.05			
VIO VOR/DME	424712.18N / 0852949.46W	Y	FB	TF	261.83	25.83			
DITCA	424446.17N / 0854323.87W	Y	FB	TF	256.40	10.29			
WLTER	424111.39N / 0860303.94W	Y	FB	TF	256.25	14.93			
RHIVR	423845.44N / 0861614.15W	Y	FB	TF	256.02	10.02			
PAITN	423339.71N / 0864321.38W	Y	FB	TF	255.88	20.67			
WYNDE	422720.73N / 0870636.63W	Y	FB	TF	249.97	18.32			
En Route Transition									
KAYYS	425303.96N / 0843450.40W	Y		IF					KAYYS.WYNDE3
LTOUR	425057.69N / 0845505.90W	Y	FB	TF	262.08	15.05			
VIO VOR/DME	424712.18N / 0852949.46W	Y	FB	TF	261.83	25.83			
DITCA	424446.17N / 0854323.87W	Y	FB	TF	256.40	10.29			
WLTER	424111.39N / 0860303.94W	Y	FB	TF	256.25	14.93			
RHIVR	423845.44N / 0861614.15W	Y	FB	TF	256.02	10.02			
PAITN	423339.71N / 0864321.38W	Y	FB	TF	255.88	20.67			
WYNDE	422720.73N / 0870636.63W	Y	FB	TF	249.97	18.32			
En Route Transition									
OBSTR	434142.20N / 0851253.53W	Y		IF					OBSTR.WYNDE3
CSTLO	431050.36N / 0852232.67W	Y	FB	TF	192.89	31.65			
VIO VOR/DME	424712.18N / 0852949.46W	Y	FB	TF	192.78	24.23			
DITCA	424446.17N / 0854323.87W	Y	FB	TF	256.40	10.29			
WLTER	424111.39N / 0860303.94W	Y	FB	TF	256.25	14.93			
RHIVR	423845.44N / 0861614.15W	Y	FB	TF	256.02	10.02			

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Arrival Name WYNDE (RNAV)		Number THREE		STAR Computer Code WYNDE.WYNDE3		Superseded Number TWO		Dated 11/05/2020	Effective Date
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
PAITN	423339.71N / 0864321.38W	Y	FB	TF	255.88	20.67			
WYNDE	422720.73N / 0870636.63W	Y	FB	TF	249.97	18.32			
En Route Transition									
ODAXY	443800.86N / 0831216.23W	Y		IF					ODAXY.WYNDE3
GAULT	440436.79N / 0850537.13W	Y	FB	TF	248.33	87.91			
OBSTR	434142.20N / 0851253.53W	Y	FB	TF	192.97	23.50			
CSTLO	431050.36N / 0852232.67W	Y	FB	TF	192.89	31.65			
VIO VOR/DME	424712.18N / 0852949.46W	Y	FB	TF	192.78	24.23			
DITCA	424446.17N / 0854323.87W	Y	FB	TF	256.40	10.29			
WLTER	424111.39N / 0860303.94W	Y	FB	TF	256.25	14.93			
RHIVR	423845.44N / 0861614.15W	Y	FB	TF	256.02	10.02			
PAITN	423339.71N / 0864321.38W	Y	FB	TF	255.88	20.67			
WYNDE	422720.73N / 0870636.63W	Y	FB	TF	249.97	18.32			
En Route Transition									
SMUUV	422758.77N / 0860738.37W	Y		IF					SMUUV.WYNDE3
WYNDE	422720.73N / 0870636.63W	Y	FB	TF	269.50	43.65			
En Route Transition									
SSM VOR/DME	462443.60N / 0841853.54W	Y		IF					SSM.WYNDE3
JODEE	451643.30N / 0844203.77W	Y	FB	TF	193.53	69.92			
GAULT	440436.79N / 0850537.13W	Y	FB	TF	193.26	74.04			
OBSTR	434142.20N / 0851253.53W	Y	FB	TF	192.97	23.50			
CSTLO	431050.36N / 0852232.67W	Y	FB	TF	192.89	31.65			
VIO VOR/DME	424712.18N / 0852949.46W	Y	FB	TF	192.78	24.23			
DITCA	424446.17N / 0854323.87W	Y	FB	TF	256.40	10.29			
WLTER	424111.39N / 0860303.94W	Y	FB	TF	256.25	14.93			
RHIVR	423845.44N / 0861614.15W	Y	FB	TF	256.02	10.02			



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STAR (DATA RECORD)**

Arrival Name WYNDE (RNAV)		Number THREE		STAR Computer Code WYNDE.WYNDE3		Superseded Number TWO		Dated 11/05/2020	Effective Date
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
PAITN	423339.71N / 0864321.38W	Y	FB	TF	255.88	20.67			
WYNDE	422720.73N / 0870636.63W	Y	FB	TF	249.97	18.32			
En Route Transition									
TVC VOR/DME	444004.50N / 0853300.04W	Y		IF			AT/BELOW FL240		TVC.WYNDE3
PECOK	440027.67N / 0854314.71W	Y	FB	TF	190.57	40.29			
UFDUH	434235.91N / 0854746.97W	Y	FB	TF	190.44	18.16	AT/BELOW FL240		
BITTR	430717.68N / 0855638.18W	Y	FB	TF	190.41	35.88			
WLTER	424111.39N / 0860303.94W	Y	FB	TF	190.30	26.52			
RHIVR	423845.44N / 0861614.15W	Y	FB	TF	256.02	10.02			
PAITN	423339.71N / 0864321.38W	Y	FB	TF	255.88	20.67			
WYNDE	422720.73N / 0870636.63W	Y	FB	TF	249.97	18.32			
En Route Transition									
UFDUH	434235.91N / 0854746.97W	Y		IF			AT/BELOW FL240		UFDUH.WYNDE3
BITTR	430717.68N / 0855638.18W	Y	FB	TF	190.41	35.88			
WLTER	424111.39N / 0860303.94W	Y	FB	TF	190.30	26.52			
RHIVR	423845.44N / 0861614.15W	Y	FB	TF	256.02	10.02			
PAITN	423339.71N / 0864321.38W	Y	FB	TF	255.88	20.67			
WYNDE	422720.73N / 0870636.63W	Y	FB	TF	249.97	18.32			
En Route Transition									
VIO VOR/DME	424712.18N / 0852949.46W	Y		IF					VIO.WYNDE3
DITCA	424446.17N / 0854323.87W	Y	FB	TF	256.40	10.29			
WLTER	424111.39N / 0860303.94W	Y	FB	TF	256.25	14.93			
RHIVR	423845.44N / 0861614.15W	Y	FB	TF	256.02	10.02			
PAITN	423339.71N / 0864321.38W	Y	FB	TF	255.88	20.67			
WYNDE	422720.73N / 0870636.63W	Y	FB	TF	249.97	18.32			

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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>
Common Route									
WYNDE	422720.73N / 0870636.63W	Y		IF					WYNDE.WYNDE3
FIYER	422351.97N / 0871916.21W	Y	FB	TF	249.72	10.00			
ERNNY	422019.39N / 0873203.06W	Y	FB	TF	249.57	10.11			
PAPPI	421611.90N / 0873625.93W	Y	FB	TF	218.28	05.25			
TUBEZ	421051.31N / 0874202.89W	Y	FB	TF	218.03	06.78			
Runway Transition									
TUBEZ	421051.31N / 0874202.89W	Y		IF					
VULCN	420530.34N / 0874739.02W	Y	FB	TF	217.97	06.78			
KURKK	420530.61N / 0880137.92W	Y	FB	TF	270.10	10.41			
BAMBB	420527.50N / 0881631.34W	Y	FO	TF	269.82	11.09			
KORD:RWY 4R,RWY 9L,RWY 9C,RWY 9R,RWY 22L,RWY 22R,RWY 27L,RWY 27C,RWY 27R,RWY 28L,RWY 28C,RWY 28R				FM	269.82				
Runway Transition									
TUBEZ	421051.31N / 0874202.89W	Y		IF					
MONKZ	415303.59N / 0874806.47W	Y	FB	TF	194.28	18.35			
JORJO	415304.14N / 0875918.78W	Y	FB	TF	270.13	08.37			
POSSM	415228.78N / 0881630.63W	Y	FO	TF	267.47	12.86			
KORD:RWY 10C,RWY 10L,RWY 10R				FM	267.47				