

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Arrival Name RKSTR (RNAV)	Number ONE	STAR Computer Code PEHTY.RKSTR1	Superseded Number NONE	Dated	Effective Date 02/25/2021
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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
ELLDA	ELLDA.RKSTR1	ELLDA	ELLDA						
			JJEAN	311.38	23.59	FL240			AT/ABOVE FL240
			PEHTY	311.21	36.00	14000	8500		BETWEEN 14000 AND FL190
HAHAA	HAHAA.RKSTR1	HAHAA	HAHAA						
			JAAGR	267.82	50.86	FL240			AT/ABOVE FL240
			FLEAA	267.23	30.00	FL220			BETWEEN FL220 AND FL260
			PEHTY	270.43	32.72	14000	8900		BETWEEN 14000 AND FL190
SQIRE	SQIRE.RKSTR1	SQIRE	SQIRE						
			VEDDR	244.96	49.37	FL240			AT/ABOVE FL240
			FLEAA	244.39	44.50	FL220			BETWEEN FL220 AND FL260
			PEHTY	270.43	32.72	14000	8900		BETWEEN 14000 AND FL190

ARRIVAL ROUTE DESCRIPTION:

FROM PEHTY ON TRACK 287.52/10.06 TO RKSTR.

LANDING RWY 1L: FROM RKSTR ON TRACK 251.53/10.30 TO CROSS LEEEW AT OR ABOVE 14000 AND AT 250 KIAS, THEN ON TRACK 251.41/19.69 TO JAIDE, THEN ON TRACK 258.85/12.40 TO CROSS TUUTH BETWEEN 8000 AND 10000 AND AT 220 KIAS, THEN ON TRACK 306.45/7.02 TO CROSS TRREY AT OR ABOVE 7000 AND AT 210 KIAS. EXPECT ILS OR LOC RWY 1L APPROACH.

LANDING RWY 1R: FROM RKSTR ON TRACK 251.53/10.30 TO CROSS LEEEW AT OR ABOVE 14000 AND AT 250 KIAS, THEN ON TRACK 251.41/19.69 TO JAIDE, THEN ON TRACK 258.85/12.40 TO CROSS TUUTH BETWEEN 8000 AND 10000 AND AT 220 KIAS, THEN ON TRACK 318.66/5.00 TO CROSS BUHLL AT 7000 AND AT 210 KIAS, THEN ON TRACK 334.17. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 8L/R: FROM RKSTR ON TRACK 251.53/10.30 TO CROSS LEEEW AT OR ABOVE 14000 AND AT 250 KIAS, THEN ON TRACK 251.41/19.69 TO JAIDE, THEN ON TRACK 258.85/12.40 TO CROSS TUUTH BETWEEN 8000 AND 10000 AND AT 220 KIAS, THEN ON TRACK 298.71/10.23 TO CROSS YAGGR AT 8000 AND AT 210 KIAS, THEN ON TRACK 004.58. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 19L/R: FROM RKSTR ON TRACK 347.07/6.40 TO CROSS GROLL AT OR BELOW 11000, THEN ON TRACK 347.07/10.24 TO CROSS FEREL AT OR ABOVE 10000 AND AT 250 KIAS, THEN ON TRACK 305.53/6.38 TO CROSS JOVII AT 10000, THEN ON TRACK 261.72/10.25 TO CROSS FELAA AT OR ABOVE 8500, THEN ON TRACK 240.41/9.76 TO CROSS FOOOF AT OR ABOVE 7000 AND AT 220 KIAS, THEN ON TRACK 240.30/3.00 TO NNEON, THEN ON TRACK 262.57/1.79 TO CROSS PPENN AT 6000 AND AT 210 KIAS, THEN ON TRACK 262.57. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 26L: FROM RKSTR ON TRACK 296.54/11.66 TO CROSS HUXLY AT OR ABOVE 10000 AND AT 250 KIAS, THEN ON TRACK 296.19/7.99 TO HAYLN, THEN ON TRACK 290.22/4.13 TO CROSS PRINO AT 8000 AND AT 210 KIAS. EXPECT ILS OR LOC RWY 26L APPROACH.

LANDING RWY 26R: FROM RKSTR ON TRACK 296.54/11.66 TO CROSS HUXLY AT OR ABOVE 10000 AND AT 250 KIAS, THEN ON TRACK 296.19/7.99 TO HAYLN, THEN ON TRACK 291.55/4.28 TO CROSS FLYES AT 8000 AND AT 210 KIAS. EXPECT ILS OR LOC RWY 26R APPROACH.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED

NOTE: RNAV 1

NOTE: DME/DME/IRU OR GPS REQUIRED

NOTE: TURBOJET AIRCRAFT ONLY



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RKSTR (RNAV)	ONE	PEHTY.RKSTR1	NONE		02/25/2021

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT FLEAA: HOLD E, LT, 267.23 INBOUND, 11 NM LEGS.
CHART HOLDING AT JJEAN: HOLD SE, LT, 311.38 INBOUND, 11 NM LEGS.
CHART HOLDING AT PEHTY: HOLD E, LT, 287.52 INBOUND, 10 NM LEGS.
CHART HOLDING AT VEDDR: HOLD NE, RT, 244.96 INBOUND, 11 NM LEGS.
CHART HOLDING AT JAAGR: HOLD E, LT, 267.82 INBOUND, 11 NM LEGS.

COMMUNICATIONS:

D-ATIS, APP CON, TWR.

AIRPORTS SERVED:

MC CARRAN INTL, LAS VEGAS, NV (KLAS)

LOST COMMUNICATIONS PROCEDURE:

LANDING RUNWAY 1L: AT TRREY EXECUTE ILS OR LOC RWY 1L APPROACH.
LANDING RUNWAY 1R: AT BUHLL EXECUTE RNAV (GPS) RWY 1R APPROACH.
LANDING RUNWAY 8R: AT YAGGR EXECUTE RNAV (RNP) RWY 8R APPROACH, IF UNABLE, PROCEED VISUALLY VIA LAST TRACK TO INTERCEPT THE FINAL APPROACH COURSE; IF UNABLE, MAINTAIN 7000 DIRECT LAS VORTAC THEN DIRECT BLD VORTAC AND EXECUTE ILS OR LOC RWY 26L APPROACH.
LANDING RUNWAY 19L: AT PPENN EXECUTE RNAV (RNP) RWY 19L APPROACH, IF UNABLE, PROCEED VISUALLY VIA LAST TRACK TO INTERCEPT THE FINAL APPROACH COURSE; IF UNABLE, MAINTAIN 7000 PROCEED DIRECT LAS VORTAC THEN DIRECT BLD VORTAC AND EXECUTE ILS OR LOC RWY 26L APPROACH.
LANDING RUNWAY 26L: AT PRINO EXECUTE ILS OR LOC RWY 26L APPROACH.
LANDING RUNWAY 26R: AT FLYES EXECUTE ILS OR LOC RWY 26R APPROACH.

REMARKS:

FIX HAYLN UTILIZES 25 DEGREE BANK ANGLE.
FIX TUUTH UTILIZES 20 KNOT TAILWIND COMPONENT.
MEAs FL190 AND ABOVE NEEDED TO MITIGATE CRITICAL DMEs AND INSURE ADEQUATE SIGNAL COVERAGE FOR DME/DME/IRU NAVIGATION.

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)
REFERENCE MAGNETIC VARIATION = KLAS 11E/2020
CHART AT TRREY TERMINUS: KLAS LDG RWY 1L
CHART AT BUHLL TERMINUS: KLAS LDG RWY 1R
CHART AT YAGGR TERMINUS: KLAS LDG RWY 8L/R
CHART AT PPENN TERMINUS: KLAS LDG RWY 19L/R
CHART AT PRINO TERMINUS: KLAS LDG RWY 26L
CHART AT FLYES TERMINUS: KLAS LDG RWY 26R



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RKSTR (RNAV)	ONE	PEHTY.RKSTR1	NONE		02/25/2021
FLIGHT INSPECTED BY:					
DANIEL C FAVORITE		FICO	3/10/2020	<i>Digitally signed by</i> JACOB POWERS Mar 17, 2020	
Name		Organization	Date	Signature	
DEVELOPED BY:					
BRADLEY MAYHUGH, LAS METROPLEX MANAGER		DENVER ARTCC	9/02/2019	<i>Digitally signed by</i> JACOB POWERS Mar 17, 2020	
Name		Organization	Date	Signature	
APPROVED BY:					
PAT MULQUEEN, MANAGER		AJV-A440		<i>Digitally signed by</i> JACOB POWERS Mar 17, 2020	
Name		Organization	Date	Signature	

CHANGES:

REASONS:

03/12/2020: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 09/02/2019.

1. ADDED DO NOT CHART MOCA'S.

07/22/2020: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 3/12/2020.

1. ADDED CROSSING RESTRICTION OF AT/ABOVE 8500 FOR FIX FELAA (LANDING RWY 19L/R).

01/12/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/17/2020.

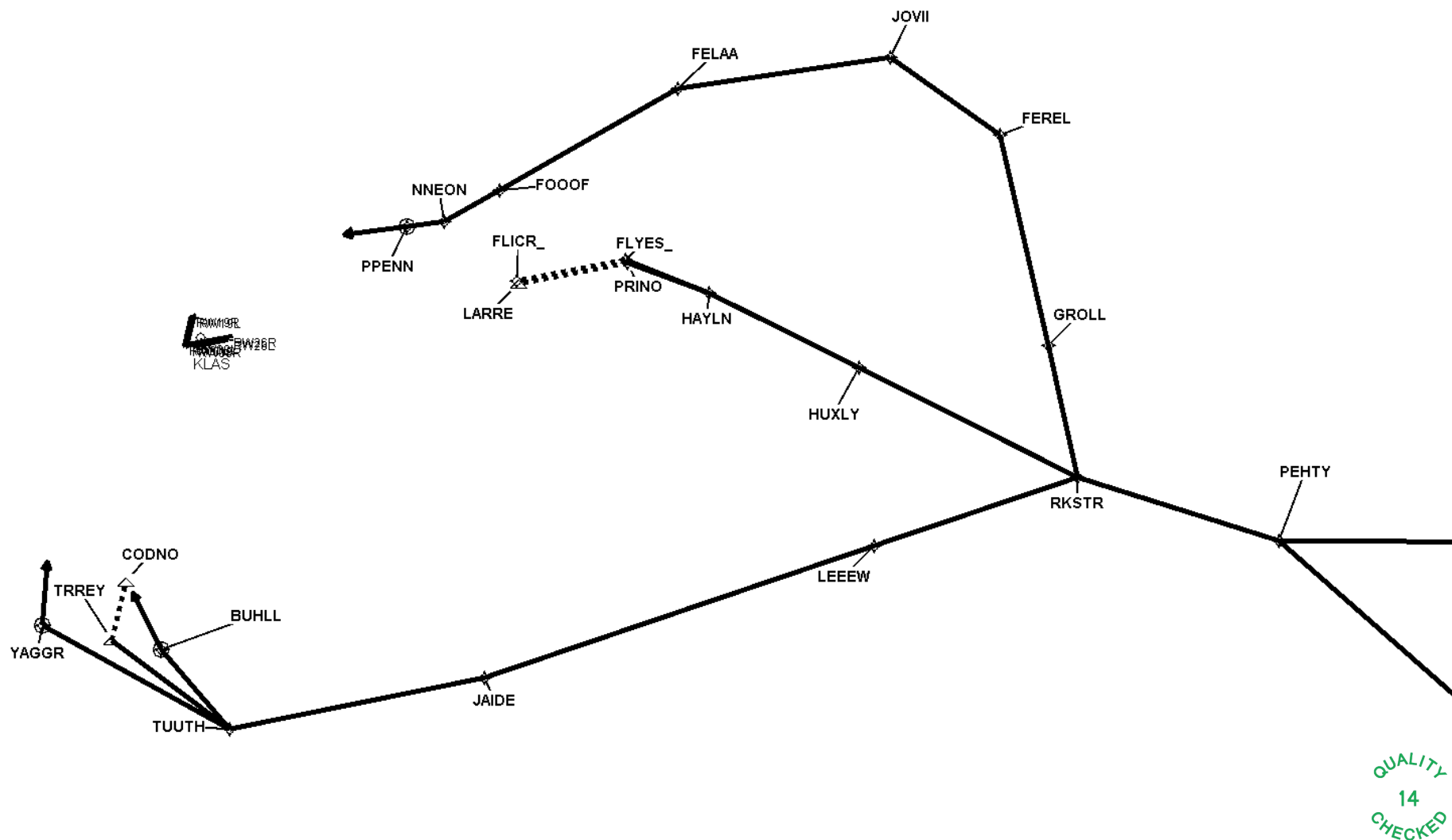
1. REMOVED DO NOT CHART MOCAS FROM ADDITIONAL FLIGHT DATA.
2. ADDED EFFECTIVE DATE.



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RKSTR (RNAV)	ONE	PEHTY.RKSTR1	NONE		02/25/2021
Graphic Depiction 4					

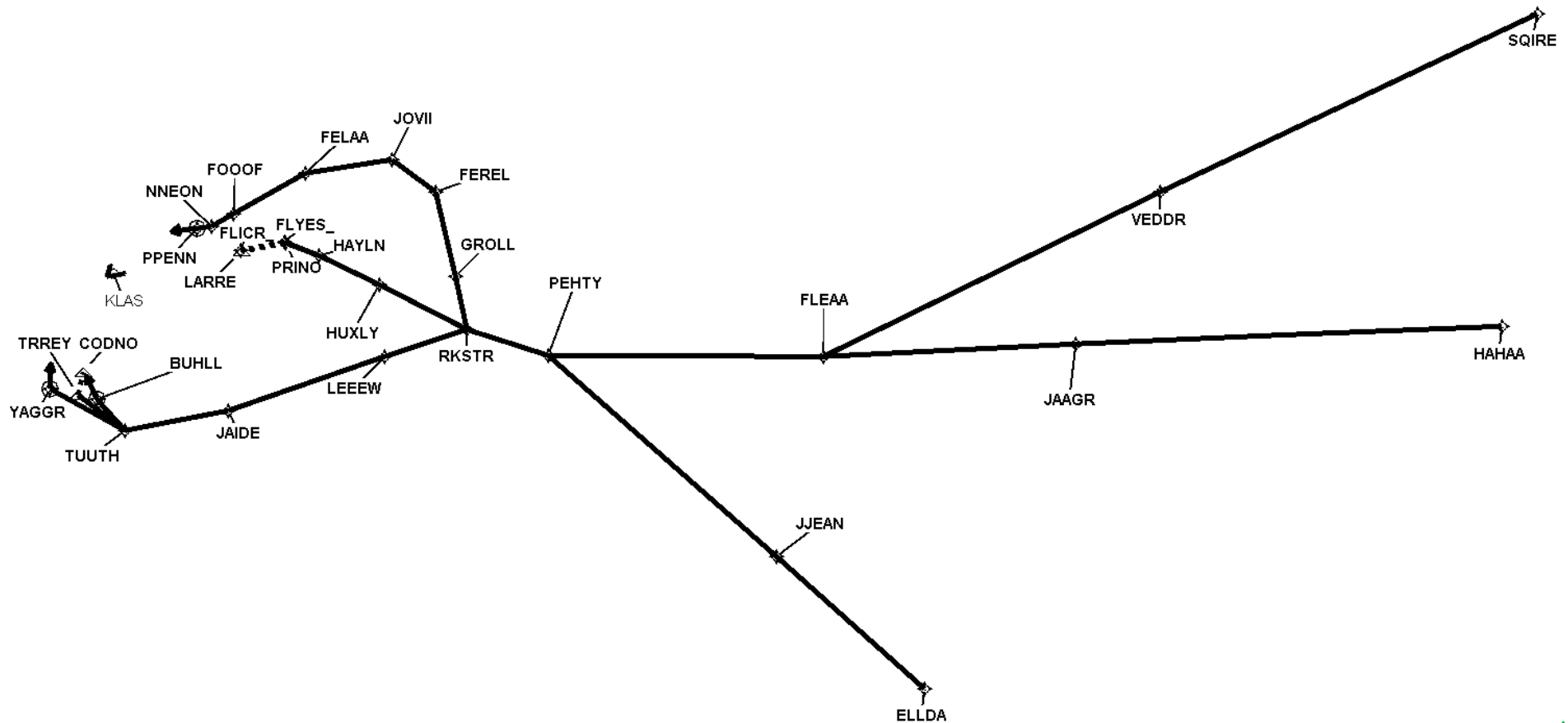


QUALITY
14
CHECKED

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RKSTR (RNAV)	ONE	PEHTY.RKSTR1	NONE		02/25/2021
Graphic Depiction 5					



QUALITY
14
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STAR (DATA RECORD)

Arrival Name RKSTR (RNAV)		Number ONE		STAR Computer Code PEHTY.RKSTR1		Superseded Number NONE		Dated	Effective Date 02/25/2021
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
ELLDA	345822.12N / 1132429.63W	Y		IF					ELLDA.RKSTR1
JJEAN	351703.90N / 1134205.01W	Y	FB	TF	322.38	23.59	AT/ABOVE FL240		
PEHTY	354530.55N / 1140911.11W	Y	FB	TF	322.21	36.00	14000BFL190	AT 280K	
En Route Transition									
HAHAA	352721.83N / 1115143.96W	Y		IF					HAHAA.RKSTR1
JAAGR	353454.90N / 1125320.97W	Y	FB	TF	278.82	50.86	AT/ABOVE FL240		
FLEAA	353907.31N / 1132946.63W	Y	FB	TF	278.23	30.00	FL220BFL260		
PEHTY	354530.55N / 1140911.11W	Y	FB	TF	281.43	32.72	14000BFL190	AT 280K	
En Route Transition									
SQUIRE	360247.78N / 1113801.41W	Y		IF					SQUIRE.RKSTR1
VEDDR	355033.69N / 1123656.11W	Y	FB	TF	255.96	49.37	AT/ABOVE FL240		
FLEAA	353907.31N / 1132946.63W	Y	FB	TF	255.39	44.50	FL220BFL260		
PEHTY	354530.55N / 1140911.11W	Y	FB	TF	281.43	32.72	14000BFL190	AT 280K	
Common Route									
PEHTY	354530.55N / 1140911.11W	Y		IF			14000BFL190	AT 280K	PEHTY.RKSTR1
RKSTR	355018.66N / 1142003.23W	Y	FB	TF	298.52	10.06			
Runway Transition									
RKSTR	355018.66N / 1142003.23W	Y		IF					
LEEEW	354857.56N / 1143236.66W	Y	FB	TF	262.53	10.30	AT/ABOVE 14000	AT 250K	
JAIDE	354618.84N / 1145636.11W	Y	FB	TF	262.41	19.69			
TUUTH	354615.97N / 1151150.40W	Y	FB	TF	269.85	12.40	8000B10000	AT 220K	
TRREY	355126.54N / 1151740.79W	Y	FB	TF	317.45	07.02	AT/ABOVE 7000	AT 210K	
KLAS:RWY 1L									

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Runway Transition									
RKSTR	355018.66N / 1142003.23W	Y		IF					
LEEEW	354857.56N / 1143236.66W	Y	FB	TF	262.53	10.30	AT/ABOVE 14000	AT 250K	
JAIDE	354618.84N / 1145636.11W	Y	FB	TF	262.41	19.69			
TUUTH	354615.97N / 1151150.40W	Y	FB	TF	269.85	12.40	8000B10000	AT 220K	
BUHLL	355035.23N / 1151456.78W	Y	FO	TF	329.66	05.00	AT 7000	AT 210K	
KLAS:RWY 1R				FM	345.17				
Runway Transition									
RKSTR	355018.66N / 1142003.23W	Y		IF					
LEEEW	354857.56N / 1143236.66W	Y	FB	TF	262.53	10.30	AT/ABOVE 14000	AT 250K	
JAIDE	354618.84N / 1145636.11W	Y	FB	TF	262.41	19.69			
TUUTH	354615.97N / 1151150.40W	Y	FB	TF	269.85	12.40	8000B10000	AT 220K	
YAGGR	355248.54N / 1152131.70W	Y	FO	TF	309.71	10.23	AT 8000	AT 210K	
KLAS:RWY 8L,RWY 8R				FM	015.58				
Runway Transition									
RKSTR	355018.66N / 1142003.23W	Y		IF					
GROLL	355643.01N / 1142019.17W	Y	FB	TF	358.07	06.40	AT/BELOW 11000		
FEREL	360657.99N / 1142044.76W	Y	FB	TF	358.07	10.24	AT/ABOVE 10000	AT 250K	
JOVII	361136.28N / 1142610.39W	Y	FB	TF	316.53	06.38	AT 10000		
FELAA	361204.87N / 1143849.75W	Y	FB	TF	272.72	10.25	AT/ABOVE 8500		
FOOOF	360857.34N / 1145015.37W	Y	FB	TF	251.41	09.76	AT/ABOVE 7000	AT 220K	
NNEON	360759.50N / 1145345.85W	Y	FB	TF	251.30	03.00			
PPENN	360806.18N / 1145557.97W	Y	FO	TF	273.57	01.79	AT 6000	AT 210K	
KLAS:RWY 19L,RWY 19R				FM	273.57				
Runway Transition									
RKSTR	355018.66N / 1142003.23W	Y		IF					

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
HUXLY	355725.02N / 1143126.48W	Y	FB	TF	307.54	11.66	AT/ABOVE 10000	AT 250K	
HAYLN	360215.12N / 1143917.57W	Y	FB	TF	307.19	07.99			
PRINO	360423.60N / 1144338.86W	Y	FB	TF	301.22	04.13	AT 8000	AT 210K	

KLAS:RWY 26L

Runway Transition

RKSTR	355018.66N / 1142003.23W	Y		IF					
HUXLY	355725.02N / 1143126.48W	Y	FB	TF	307.54	11.66	AT/ABOVE 10000	AT 250K	
HAYLN	360215.12N / 1143917.57W	Y	FB	TF	307.19	07.99			
FLYES	360433.54N / 1144344.83W	Y	FB	TF	302.55	04.28	AT 8000	AT 210K	

KLAS:RWY 26R

