

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD TERMINAL ARRIVAL (STAR)

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
<b>COKTL (RNAV)</b>	<b>THREE</b>	<b>COKTL.COKTL3</b>	<b>TWO</b>	<b>07/14/2022</b>	<b>15JUNE2023</b>

**TRANSITION ROUTES:**

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
FLCHR	FLCHR.COKTL3	FLCHR	FLCHR						AT/ABOVE FL240
			TBRAN	134.39	32.71	FL210	9700		
			ARYEL	120.19	17.77	FL210	9700		AT/ABOVE FL210
			COKTL	120.36	18.46	16000	9700		BETWEEN 16000 AND FL190
GIINN	GIINN.COKTL3	GIINN	GIINN						
			TBRAN	114.84	15.30	FL210	9700		
			ARYEL	120.19	17.77	FL210	9700		AT/ABOVE FL210
			COKTL	120.36	18.46	16000	9700		BETWEEN 16000 AND FL190
TQILA	TQILA.COKTL3	TQILA	TQILA						
			BASIC	134.22	10.51	FL240	9700		
			FLCHR	134.27	16.84	FL240	9700		AT/ABOVE FL240
			TBRAN	134.39	32.71	FL210	9700		
			ARYEL	120.19	17.77	FL210	9700		AT/ABOVE FL210
			COKTL	120.36	18.46	16000	9700		BETWEEN 16000 AND FL190

**ARRIVAL ROUTE DESCRIPTION:**

FROM COKTL ON TRACK 116.88/10.95 TO CROSS ZLLDA AT OR ABOVE 14000.

LANDING RWY 1L/R: FROM ZLLDA ON TRACK 150.75/13.11 TO CROSS MEZKL AT OR BELOW 12000, THEN ON TRACK 150.65/6.34 TO LOOMI, THEN ON TRACK 117.92/7.13 TO CROSS ZINPI BETWEEN 10000 AND 11000, THEN ON TRACK 080.84/5.11 TO CROSS BAUMM BETWEEN 8600 AND 11000, THEN ON TRACK 030.29/5.03 TO CROSS ROAMN AT 8000 AND AT 210 KIAS. EXPECT ILS OR LOC RWY 1L OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 8L/R: FROM ZLLDA ON TRACK 150.75/13.11 TO CROSS MEZKL AT OR BELOW 12000, THEN ON TRACK 150.65/6.34 TO LOOMI, THEN ON TRACK 117.92/7.13 TO CROSS ZINPI BETWEEN 10000 AND 11000, THEN ON TRACK 080.84/5.11 TO CROSS BAUMM BETWEEN 8600 AND 11000, THEN ON TRACK 006.28/7.98 TO CROSS YAGGR AT 8000 AND AT 210 KIAS, THEN ON TRACK 005.00. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING RWY 26L/R, 19L/R: FROM ZLLDA ON TRACK 099.72/16.64 TO CROSS DEEON AT OR ABOVE 12000, THEN ON TRACK 099.91/4.00 TO CROSS ENNVY AT OR ABOVE 11000, THEN ON TRACK 082.92/12.02 TO CROSS REDQN AT OR ABOVE 9000 AND AT 210 KIAS, THEN ON TRACK 083.06/2.40 TO TWAFL, THEN ON TRACK 079.32/2.17 TO CROSS BERBN AT 8000 AND AT 210 KIAS, THEN ON TRACK 079.32. 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: JET AIRCRAFT ONLY

NOTE: GIINN TRANSITION ASSIGNED BY ATC--DO NOT FILE.

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**FIXES AND/OR HOLDING PATTERNS:**

CHART HOLDING AT ARYL: HOLD NW, RT, 120.19 INBOUND, 11 NM LEGS.  
CHART HOLDING AT COKTL: HOLD NW, RT, 120.36 INBOUND, 10 NM LEGS.  
CHART HOLDING AT SHUFL: HOLD NW, LT, 129.97 INBOUND, 12 NM LEGS.  
CHART HOLDING AT TTMSN: HOLD W, LT, 073.41 INBOUND, 12 NM LEGS.

**COMMUNICATIONS:**

CHART: LAS APP CON  
CHART: LAS TOWER

**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KLAS	LAS VEGAS	NV

**LOST COMMUNICATIONS PREFERENCES:**

LANDING RUNWAY 1L: AT ROAMN EXECUTE ILS OR LOC RWY 1L APPROACH.  
LANDING RUNWAY 8R: AT YAGGR EXECUTE RNAV (RNP) RWY 8R APPROACH, IF UNABLE, PROCEED 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 26L: AT BERBN EXECUTE ILS OR LOC RWY 26L APPROACH.  
LANDING RUNWAY 26R: AT BERBN EXECUTE ILS OR LOC RWY 26R APPROACH.

**REMARKS:**

MEAs FL190 AND ABOVE NEEDED TO MITIGATE CRITICAL DMEs AND INSURE ADEQUATE SIGNAL COVERAGE FOR DME/DME/IRU NAVIGATION.  
FIX BAUMM UTILIZES 25 DEGREE BANK ANGLE COUPLED WITH 39 KNOT TAILWIND COMPONENT.  
CONTROLLING OBST BAUMM TO YAGGR SEGMENT IS 5898 MSL AAO (355333.32N/1152323.05W) (DTED DATABASE IDENTIFIED HIGHER TERRAIN IN THE REGION).  
THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.

**ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0)  
MAG VAR = KLAS 11E/2020  
CHART AT ROAMN TERMINUS: KLAS LDG RWY 1L/R  
CHART AT BERBN TERMINUS: KLAS LDG RWY 26L/R, 19L/R  
CHART AT YAGGR TERMINUS: KLAS LDG RWY 8L/R

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COKTL (RNAV)	THREE	COKTL.COKTL3	TWO	07/14/2022 <i>Digitally signed by</i> <b>ERIC N SUSKI</b>	15JUNE2023

**FLIGHT INSPECTED BY:**

STANLEY PHILLIPS

**ORGANIZATION:**

FPO

**DATE:**

03/01/2023

Flight Inspected Signature:

Mar 02, 2023

**DEVELOPED BY:**

NICK COLVIN A&amp;P SPECIALIST

LAS VEGAS  
TRACON

9/20/2022

Developed By Signature:

*Digitally signed by***ERIC N SUSKI**

Feb 02, 2023

**APPROVED BY:**

JOHNNIE BAKER

AJV-A430

Approved By Signature:

*Digitally signed by***ERIC N SUSKI**

Feb 02, 2023

**CHANGES:**

1. ADDED STAND-ALONE HOLDING FIXES/PATTERNS AT SHUFL AND TTMSN.
2. REMOVED AIRPORT NAME FROM AIRPORTS SERVED.

**REASONS:**

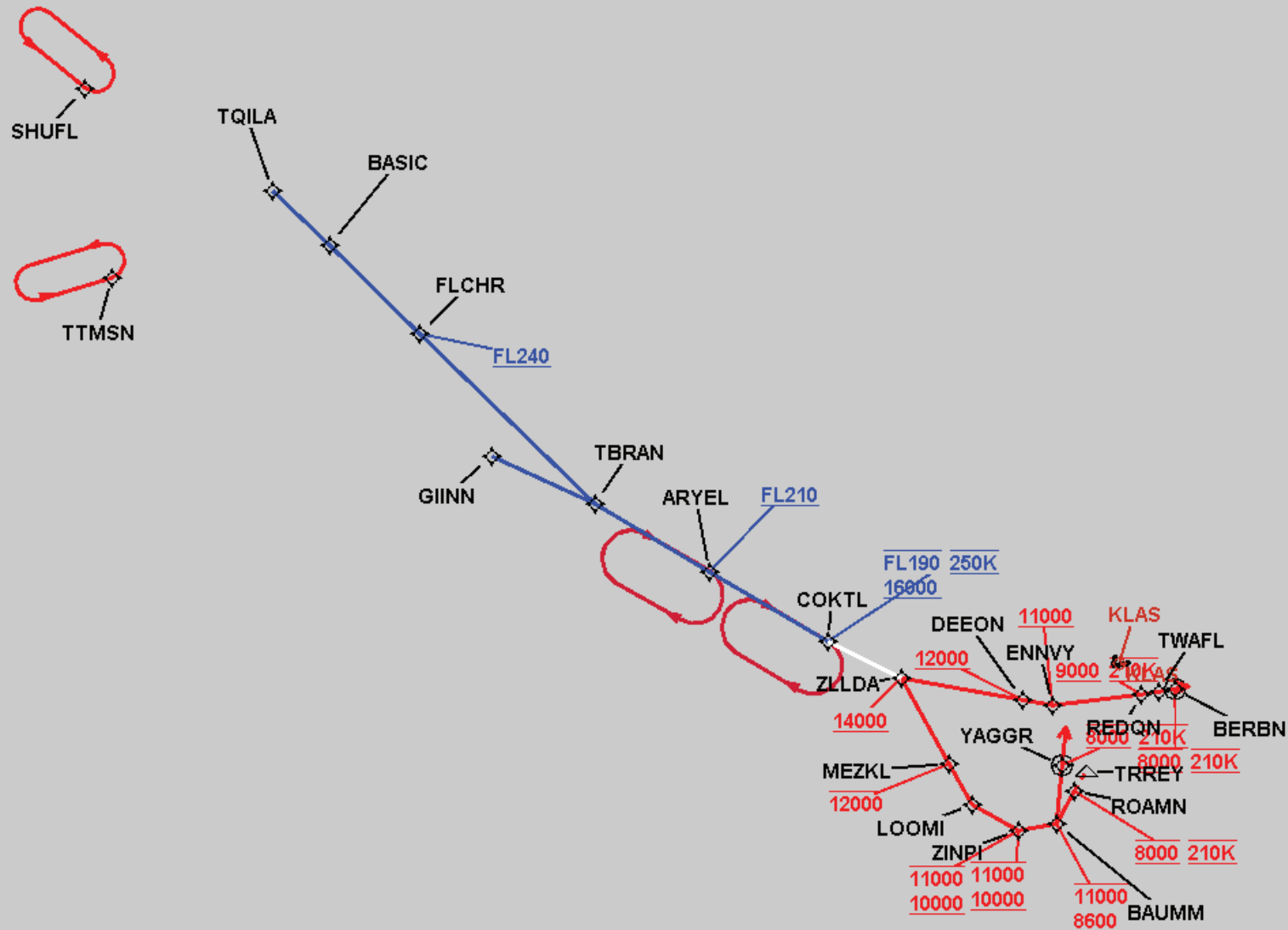
1. ATC REQUEST TO FACILITATE ARRIVAL FLOW METERING.
2. NO LONGER DOCUMENTED.

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Graphic Depiction 1

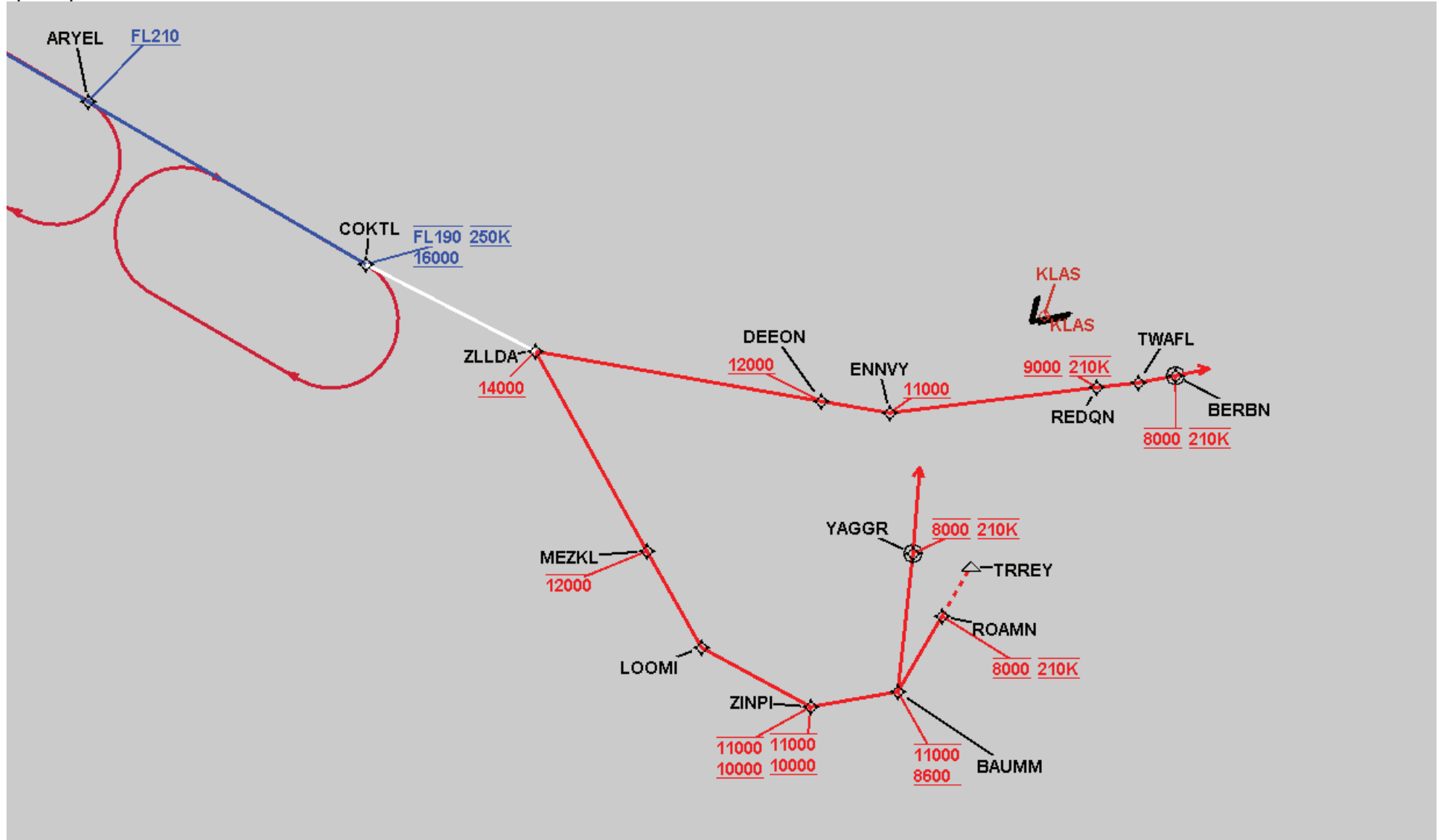


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Graphic Depiction 2



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

Arrival Name COKTL (RNAV)		Number THREE		STAR Computer Code COKTL.COKTL3		Superseded Number TWO		Dated 07/14/2022	Effective Date 15JUNE2023
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
En Route Transition									
FLCHR	370602.27N / 1165231.36W	Y		IF			AT/ABOVE FL240		FLCHR.COKTL3
TBRAN	363902.48N / 1162925.81W	Y	FB	TF	145.39	32.71			
ARYEL	362718.20N / 1161251.25W	Y	FB	TF	131.19	17.77	AT/ABOVE FL210		
COKTL	361503.98N / 1155543.16W	Y	FB	TF	131.36	18.46	16000BFL190	AT 250K	
En Route Transition									
GIINN	364801.66N / 1164450.66W	Y		IF					GIINN.COKTL3
TBRAN	363902.48N / 1162925.81W	Y	FB	TF	125.84	15.30			
ARYEL	362718.20N / 1161251.25W	Y	FB	TF	131.19	17.77	AT/ABOVE FL210		
COKTL	361503.98N / 1155543.16W	Y	FB	TF	131.36	18.46	16000BFL190	AT 250K	
En Route Transition									
TQILA	372833.00N / 1171202.00W	Y		IF					TQILA.COKTL3
BASIC	371954.27N / 1170430.98W	Y	FB	TF	145.22	10.51			
FLCHR	370602.27N / 1165231.36W	Y	FB	TF	145.27	16.84	AT/ABOVE FL240		
TBRAN	363902.48N / 1162925.81W	Y	FB	TF	145.39	32.71			
ARYEL	362718.20N / 1161251.25W	Y	FB	TF	131.19	17.77	AT/ABOVE FL210		
COKTL	361503.98N / 1155543.16W	Y	FB	TF	131.36	18.46	16000BFL190	AT 250K	
Common Route									
COKTL	361503.98N / 1155543.16W	Y		IF			16000BFL190	AT 250K	COKTL.COKTL3
ZLLDA	360819.66N / 1154503.06W	Y	FB	TF	127.88	10.95	AT/ABOVE 14000		
Runway Transition									
ZLLDA	360819.66N / 1154503.06W	Y		IF			AT/ABOVE 14000		
MEZKL	355551.36N / 1153959.70W	Y	FB	TF	161.75	13.11	AT/BELOW 12000		
LOOMI	354949.76N / 1153732.46W	Y	FB	TF	161.65	06.34			
ZINPI	354520.49N / 1153043.57W	Y	FB	TF	128.92	07.13	10000B11000		
BAUMM	354510.45N / 1152426.79W	Y	FB	TF	091.84	05.11	8600B11000		

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
ROAMN	354857.47N / 1152021.90W	Y	FB	TF	041.29	05.03	AT 8000	AT 210K	
KLAS:RWY 1L, RWY 1R									
Runway Transition									
ZLLDA	360819.66N / 1154503.06W	Y		IF			AT/ABOVE 14000		
MEZKL	355551.36N / 1153959.70W	Y	FB	TF	161.75	13.11	AT/BELOW 12000		
LOOMI	354949.76N / 1153732.46W	Y	FB	TF	161.65	06.34			
ZINPI	354520.49N / 1153043.57W	Y	FB	TF	128.92	07.13	10000B11000		
BAUMM	354510.45N / 1152426.79W	Y	FB	TF	091.84	05.11	8600B11000		
YAGGR	355248.54N / 1152131.70W	Y	FO	TF	017.28	07.98	AT 8000	AT 210K	
KLAS:RWY 8L, RWY 8R				FM	016.00				
Runway Transition									
ZLLDA	360819.66N / 1154503.06W	Y		IF			AT/ABOVE 14000		
DEEON	360224.36N / 1152551.32W	Y	FB	TF	110.72	16.64	AT/ABOVE 12000		
ENNVY	360058.51N / 1152114.95W	Y	FB	TF	110.91	04.00	AT/ABOVE 11000		
REDQN	360008.26N / 1150628.33W	Y	FB	TF	093.92	12.02	AT/ABOVE 9000	AT 210K	
TWAFI	355958.01N / 1150331.31W	Y	FB	TF	094.06	02.40			
BERBN	355957.25N / 1150050.72W	Y	FO	TF	090.32	02.17	AT 8000	AT 210K	
KLAS:RWY 19L, RWY 19R, RWY 26L, RWY 26R				FM	090.32				