


US Department of Transportation Federal Aviation Administration		STAR - Standard Terminal Arrival				1 Bearings, headings, courses and radii are listed in the second handwidth (e.g. 200.00) 2 Distances are in nautical miles to nearest hundredth (e.g. 00.00) 3 Altitudes are minimum altitudes unless otherwise indicated		
(1) Transition Routes								
(a) Transition Name	(b) Transition Computer Codes	(c) From RNAV WP / FIX / NAVAID	(d) To RNAV WP / FIX / NAVAID	(e) Mag Course / Distance	(f) MEA	(g) MOCA	(h) MAA	(i) Crossing Altitudes / Fixes
(2) Arrival Route Description: FROM KENNO ON TRACK 303.57/15.45 TO RUSME (MEA 24000), THEN AS DEPICTED TO CROSS KLOCK AT 10000 AT 210 KTS (MEA 9000), THEN ON HEADING 330.00. RWY 18L/16R EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.								
(3) Procedural Data Note: NOTE: RADAR REQUIRED. NOTE: DME/DME/RU OR GPS REQUIRED. NOTE: RNAV 1. NOTE: FOR NON-GPS EQUIPPED AIRCRAFT TPH, MVA, OAL, FMG AND HZN DME MUST BE OPERATIONAL. NOTE: CAUTION: INTENSE GLIDER ACTIVITY TO FL180.								
(4) Fixes and/or Holding Patterns: CHART WINRZ. CHART HOLDING AT WINRZ (HOLD E, RT, 254.00 COURSE INBOUND)								
(5) Communications: OAKLAND ARTCC 125.75/284.65. NORCAL APP CON RWYS 18L/R 119.2/279.55 RNO ATIS								
(6) Arrival Name	(7) Number	(8) STAR Computer Code	(9) Superseded Nr.	(10) Dated				(11) Effective Date
KENNO RNAV	TWO	KENNO.KENNO2	ONE	29JUL2010				31 MAY 2012



(12) Airports Served					
Airport Name		RENO/TAHOE INTL			
City/State		RENO, NV			
Airport Name					
City/State					
Airport Name					
City/State					
Airport Name					
City/State					
(13) Lost Communications Procedure: AT KLOCK, TURN RIGHT DIRECT TO WINRZ AND HOLD, MAINTAIN 10000.					
(14) Remarks:					
(15) Additional Flight Data: REFERENCE MAGNETIC VARIATION: KRNO 16E/1985 DME/DME ASSESSMENT SAT (RNP 2.0).					
CHART: MEA FL200 FROM RUSME TO GRAFT					
CHART: MEA FL200 FROM GRAFT TO SCOLA					
CHART: MEA 17000 FROM SCOLA TO TEXSS					
CHART: MEA 12000 FROM TEXSS TO HLDMM					
CHART: MEA 9600 FROM HLDMM TO CHIME					
					
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KENNO RNAV	TWO	KENNO.KENNO2	ONE	29JUL2010	31 MAY 2012

US Department of Transportation Federal Aviation Administration			RNAV STAR (Data Record)							
(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG	(6) TC	(7) DIST	(8) ALTITUDE	(9) SPEED	(10) REMARKS	
Common Route										
KENNO WP	371753.37N / 1171836.81W	Y		IF						
RUSME WP	372939.00N / 1173112.00W	Y	FB	TF	319.57	15.45				
GRAFT WP	382458.00N / 1181530.00W	Y	FB	TF	327.85	65.43				
SCOLA WP	384403.36N / 1183907.98W	Y	FB	TF	315.94	26.59	AT/ABOVE FL240, AT/BELOW FL280			
TEXSS WP	390415.60N / 1190423.64W	Y	FB	TF	315.80	28.22	AT/ABOVE 17000			
HLDMM WP	391129.42N / 1191331.25W	Y	FB	TF	315.54	10.13	AT/ABOVE 16000			
CHIME WP	392108.29N / 1192544.31W	Y	FB	TF	315.52	13.53	AT/ABOVE 12000, AT/BELOW 13000	AT 250K		
KLOCK WP	392937.60N / 1193340.04W	Y	FO	TF	324.12	10.47	AT 10000	AT 210K		
KRNO	392956.80N / 1194605.20W	Y		VM	346.00					
(11) Arrival Name KENNO RNAV		(12) Number TWO		(13) STAR Computer Code KENNO.KENNO2			(14) Superseded Nr. ONE		(15) Dated 29JUL2010	(16) Effective Date 31 MAY 2012

QUALITY
CHECK

US Department of Transportation
Federal Aviation Administration

STAR (Data Record)

ARINC PACKET - 424-18 - STAR

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	CHIME	K20	C	L	N39210829W119254431			E0139	NAR	CHIME			
SUSAEENRT	GRAFT	K20	W	H	N38245800W118153000			E0135	NAR	GRAFT			
SUSAEENRT	HLDMM	K20	W		N39112942W119133125			E0138	NAR	HLDMM			
SUSAEENRT	KENNO	K20	W	H	N37175337W117183681			E0130	NAR	KENNO			
SUSAEENRT	KLOCK	K20	W		N39293760W119334004			E0140	NAR	KLOCK			
SUSAEENRT	RUSME	K20	W	H	N37293900W117311200			E0131	NAR	RUSME			
SUSAEENRT	SCOLA	K20	W		N38440336W118390798			E0136	NAR	SCOLA			
SUSAEENRT	TEXSS	K20	W		N39041560W119042364			E0138	NAR	TEXSS			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KRNOK2ARNO	0	110YHN39295680W119460520E016004415				1800018000C	MNAR	RENO/TAHOE	INTL			

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KRNOK2EKENNO25RW16B	010	KENNO2EA0E	IF						18000			
SUSAP	KRNOK2EKENNO25RW16B	020	RUSMEK2EA0E	010	TF		30360155						
SUSAP	KRNOK2EKENNO25RW16B	030	GRAFTK2EA0E	010	TF		31190654						
SUSAP	KRNOK2EKENNO25RW16B	040	SCOLAK2EA0E	010	TF		29990266	B	FL280FL240				
SUSAP	KRNOK2EKENNO25RW16B	050	TEXSSK2EA0E	010	TF		29980282	+	17000				
SUSAP	KRNOK2EKENNO25RW16B	060	HLDMMK2EA0E	010	TF		29950101	+	16000				
SUSAP	KRNOK2EKENNO25RW16B	070	CHIMEK2EA0E	010	TF		29950135	B	1300012000	250			
SUSAP	KRNOK2EKENNO25RW16B	080	KLOCKK2EA0EY	010	TF		30810105	10000		210			
SUSAP	KRNOK2EKENNO25RW16B	090	KRNO K2PA0AE	VM			3300						

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KRNOK2GRW16L	009	0001641	N39304982W119460026-0100			+1321504415000055150R						
SUSAP	KRNOK2GRW16R	011	0021641	N39303996W119460922+0000			+1321504415099963150IIRNO1						

(11) Arrival Name	(12) Number	(13) STAR Computer Code	(14) Superseded Nr.	(15) Dated	(16) Effective Date
KENNO RNAV	TWO	KENNO.KENNO2	ONE	29 JUL 2010	31 MAY 2012

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Federal Aviation Administration**

STAR (Data Record)

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW16B	KENNO	010		IF		FB					
	RW16B	RUSME	020		TF		FB	1.0	303.6()	015.5		
	RW16B	GRAFT	030		TF		FB	1.0	311.9()	065.4		
	RW16B	SCOLA	040		TF		FB	1.0	299.9()	026.6	BT FL280FL240	
	RW16B	TEXSS	050		TF		FB	1.0	299.8()	028.2	AA 17000	
	RW16B	HLDMM	060		TF		FB	1.0	299.5()	010.1	AA 16000	
	RW16B	CHIME	070		TF		FB	1.0	299.5()	013.5	BT 1300012000	AT 250
	RW16B	KLOCK	080		TF		FO	1.0	308.1()	010.5	AT 10000	AT 210
	RW16B	KRNO	090		VM		FB		330.0()			

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CHIME	N392108.29	W1192544.31	N3921.138	W11925.739
	GRAFT	N382458.00	W1181530.00	N3824.967	W11815.500
	HLDMM	N391129.42	W1191331.25	N3911.490	W11913.521
	KENNO	N371753.37	W1171836.81	N3717.890	W11718.614
	KLOCK	N392937.60	W1193340.04	N3929.627	W11933.667
	RUSME	N372939.00	W1173112.00	N3729.650	W11731.200
	SCOLA	N384403.36	W1183907.98	N3844.056	W11839.133
	TEXSS	N390415.60	W1190423.64	N3904.260	W11904.394
	RW16L	N393049.82	W1194600.26	N3930.830	W11946.004
	RW16R	N393039.96	W1194609.22	N3930.666	W11946.154

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
	RW16L	04415	55
	RW16R	04415	63

(11) Arrival Name KENNO RNAV	(12) Number TWO	(13) STAR Computer Code KENNO.KENNO2	(14) Superseded Nr. ONE	(15) Dated 29 JUL 2010	(16) Effective Date 31 MAY 2012
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