

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 <b>SUUTR RNAV</b>	Number <b>THREE</b>	STAR Computer Code <b>SUUTR.SUUTR3</b>	Superseded Number <b>TWO</b>	Dated <b>12/10/2015</b>	Effective Date <b>21MAY2020</b>
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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
NURAY	NURAY.SUUTR3	NURAY	NURAY						
			TRLOC	314.79	48.65	12000	2200		AT/ABOVE FL290
			SUUTR	314.46	13.35	12000	2800		BETWEEN FL240 AND FL260

ARRIVAL ROUTE DESCRIPTION:

FROM SUUTR ON TRACK 308.42/9.97 TO CROSS FOOLZ AT OR BELOW FL210 (MEA 12000/MOCA 2800), THEN ON TRACK 308.47/10.65 TO CROSS GLDDD AT OR BELOW FL190 (MEA 12000/MOCA 3000), THEN ON TRACK 308.31/25.86 TO CROSS PNNEN BETWEEN 12000 AND FL190 AND AT 280 KIAS (MEA 9000/MOCA 3100), THEN ON TRACK 297.69/12.96 TO CROSS MYNRR AT OR ABOVE 9000 AND AT 240 KIAS (MEA 9000/MOCA 2700).

SOUTH TRANSITION RWY 17L/R: FROM MYNRR ON TRACK 302.11/22.00 TO CROSS NGGET BETWEEN 7000 AND 10000 (MEA 5000/MOCA 1900), THEN ON TRACK 308.63/10.64 TO CROSS ELKOE AT OR ABOVE 5000 (MEA 5000/MOCA 1400), THEN ON TRACK 341.35/5.89 TO CROSS OVOME AT 4000 AND AT 210 KIAS (MEA 4000/MOCA 1600), THEN ON TRACK 347.75/3.00 TO FIKAN (MEA 4000/MOCA 1300), THEN ON TRACK 347.75 EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

NORTH TRANSITION RWY 35L: FROM MYNRR ON TRACK 299.13/24.93 TO CROSS ELMAC AT OR ABOVE 3400 AND AT 210 KIAS (MEA 3400/MOCA 1900). EXPECT ASSIGNED INSTRUMENT APPROACH PROCEDURE.

NORTH TRANSITION RWY 35R: FROM MYNRR ON TRACK 302.14/24.79 TO CROSS FIPIN AT OR ABOVE 3400 AND AT 210 KIAS (MEA 3400/MOCA 1900). EXPECT ASSIGNED INSTRUMENT APPROACH PROCEDURE.

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED

NOTE: RNAV 1

NOTE: DME/DME/IRU OR GPS REQUIRED

NOTE: EXPECT TO RECEIVE TRANSITION (SOUTH/NORTH) AND "DESCEND VIA" CLEARANCE FROM OAKLAND CENTER. NORTHERN CALIFORNIA TRACON WILL ASSIGN LANDING RUNWAY.

NOTE: SOUTH TRANSITION INDICATES RWY 17L/R.

NOTE: NORTH TRANSITION INDICATES RWY 35L/R.

FIXES AND/OR HOLDING PATTERNS:

CHART HOLDING AT NURAY: HOLD SE, LT, 314.79 INBOUND, 10 NM LEGS.

COMMUNICATIONS:

ATIS, ZOA, NORCAL APP CON, ATCT, GND CON

AIRPORTS SERVED:

SACRAMENTO INTL, SACRAMENTO, CA (KSMF)

LOST COMMUNICATIONS PROCEDURE:

REMARKS:

THIS AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.



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 STANDARD TERMINAL ARRIVAL (STAR)

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
SUUTR RNAV	THREE	SUUTR.SUUTR3	TWO	12/10/2015	21MAY2020

ADDITIONAL FLIGHT DATA:

DME/DME ASSESSMENT: SAT (RNP 2.0)  
 REFERENCE MAGNETIC VARIATION = KSMF 13E/2020

FLIGHT INSPECTED BY:

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

Name

Organization

Date

*Digitally signed by*

**WARDELL HENNING**

Jan 22, 2020

Signature

*Digitally signed by*

**ROBERT E LYMAN**

Dec 19, 2019

Signature

*Digitally signed by*

**WARDELL HENNING**

Jan 22, 2020

Signature

DEVELOPED BY:

ROBERT LYMAN

Name

AJV-A432

Organization

12/17/2019

Date

APPROVED BY:

GEORGE DAVIS

Name

AJV-A430

Organization

Date

CHANGES:

1. KSMF RUNWAY DESIGNATIONS CHANGED FROM 16L/R AND 34L/R TO 17L/R AND 35L/R.
2. REMOVED "NOTE: CROSS SUUTR AT 280 KIAS."
3. REMOVED RECOMMENDED NAVAID FROM 8260-17.2.

REASONS:

1. RUNWAY RENUMBERING.
2. NOT REQUIRED, INFORMATION ON 8260-17.2.
3. NO LONGER REQUIRED TO DOCUMENT.



FEDERAL AVIATION ADMINISTRATION  
 FLIGHT STANDARDS SERVICE  
 STAR (DATA RECORD)

Arrival Name <b>SUUTR RNAV</b>	Number <b>THREE</b>	STAR Computer Code <b>SUUTR.SUUTR3</b>	Superseded Number <b>TWO</b>	Dated <b>12/10/2015</b>	Effective Date <b>21MAY2020</b>
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
<b>En Route Transition</b>									
NURAY	363544.75N / 1194205.28W	Y		IF					NURAY.SUUTR3
TRLOC	371653.65N / 1201434.71W	Y	FB	TF	327.79	48.65	AT/ABOVE FL290		
SUUTR	372809.53N / 1202336.04W	Y	FB	TF	327.46	13.35	FL240BFL260	AT 280K	

<b>Common Route</b>									
SUUTR	372809.53N / 1202336.04W	Y		IF			FL240BFL260	AT 280K	SUUTR.SUUTR3
FOOLZ	373557.25N / 1203125.30W	Y	FB	TF	321.42	09.97	AT/BELOW FL210		
GLDDD	374417.27N / 1203946.87W	Y	FB	TF	321.47	10.65	AT/BELOW FL190		
PNNEN	380427.91N / 1210015.20W	Y	FB	TF	321.31	25.86	12000BFL190	AT 280K	
MYNRR	381254.91N / 1211243.62W	Y	FB	TF	310.69	12.96	AT/ABOVE 9000	AT 240K	

<b>Runway Transition</b>									
MYNRR	381254.91N / 1211243.62W	Y		IF			AT/ABOVE 9000	AT 240K	
NGGET	382829.24N / 1213229.81W	Y	FB	TF	315.11	22.00	7000B10000		
ELKOE	383649.76N / 1214055.18W	Y	FB	TF	321.63	10.64	AT/ABOVE 5000		
OVOME	384241.71N / 1214139.65W	Y	FB	TF	354.35	05.89	AT 4000	AT 210K	
FIKAN	384541.86N / 1214136.64W	Y	FO	TF	000.75	03.00			
KSMF:RWY 17B				FM	000.75				

<b>Runway Transition</b>									
MYNRR	381254.91N / 1211243.62W	Y		IF			AT/ABOVE 9000	AT 240K	
ELMAC	382937.13N / 1213616.55W	Y	FB	TF	312.13	24.93	AT/ABOVE 3400	AT 210K	

**KSMF:RWY 35L**

<b>Runway Transition</b>									
MYNRR	381254.91N / 1211243.62W	Y		IF			AT/ABOVE 9000	AT 240K	
FIPIN	383028.26N / 1213500.17W	Y	FB	TF	315.14	24.79	AT/ABOVE 3400	AT 210K	

**KSMF:RWY 35R**

