

**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.

<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
MODESTO	NINE	MOD.MOD9	EIGHT	08/17/2017	15AUG2019

TRANSITION ROUTES:

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
MUSTANG	FMG.MOD9	FMG VORTAC	FMG VORTAC						
			TROSE	182.00 (FMG R-182)	115.31	FL240			
			MOD VOR/DME	243.57 (MOD R-064)	26.73	FL180			
MINA	MVA.MOD9	MVA VORTAC	MVA VORTAC						
			INYOE	204.00 (MVA R-204)	53.00	FL190			
			KYLLA	245.52 (OAL R-246)	28.96	FL190			
			TROSE	243.57 (MOD R-064)	49.88	FL190			
			MOD VOR/DME	243.57 (MOD R-064)	26.73	FL180			
COALDALE	OAL.MOD9	OAL VORTAC	OAL VORTAC						
			INYOE	245.52 (OAL R-246)	47.64	FL190			
			KYLLA	245.52 (OAL R-246)	28.96	FL190			
			TROSE	243.57 (MOD R-064)	49.88	FL190			
			MOD VOR/DME	243.57 (MOD R-064)	26.73	FL180			

ARRIVAL ROUTE DESCRIPTION:

...FROM OVER MOD VOR/DME ON MOD R-245 TO LEEFF (MEA 8000), THEN ON MOD R-245 TO GROAN (MEA 8000), THEN ON MOD R-245 TO CEDES (MEA 8000), THEN ON OSI VOR/DME R-056 TO ARCHI (MEA 8000), THEN ON OSI R-056 TO MEHTA (MEA 6000). EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

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MODESTO	NINE	MOD.MOD9	EIGHT	08/17/2017	15AUG2019

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: DME REQUIRED.

CHART AT CEDES: EXPECT CLEARANCE TO CROSS AT 11000.

FIXES AND/OR HOLDING PATTERNS:

CHART: CEPIN

CHART: HOLDING AT INYOE, HOLD NE, LT, 245.52 INBOUND.

CHART: HOLDING AT MODESTO VOR/DME, HOLD NE, LT, 243.57 INBOUND.

CHART: HOLDING AT GROAN, HOLD NE, LT, 245.00 INBOUND.

CHART: HOLDING AT CEDES, HOLD NE, LT, 244.99 INBOUND.

COMMUNICATIONS:

OAKLAND ARTCC

NORCAL APP CON

SAN FRANCISCO INTL ATIS

AIRPORTS SERVED:

AIRPORT NAME

CITY

STATE

SAN FRANCISCO INTL (KSFO)

SAN FRANCISCO

CA

LOST COMMUNICATIONS PREFERENCES:

INTERCEPT AND PROCEED ON SFO RWY 28R LOCALIZER TO CEPIN.

REMARKS:

THIS AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.

ADDITIONAL FLIGHT DATA:

CHART: I-GWQ LOCALIZER

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MODESTO	NINE	MOD.MOD9	EIGHT	08/17/2017	15AUG2019

FLIGHT INSPECTED BY:

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW
AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

ORGANIZATION:

AJW-333

DATE:

Flight Inspected Signature:

*Digitally signed by***JACOB POWERS**

Dec 06, 2018

DEVELOPED BY:

Perry J. Oleck

AJV-W24

8/28/2018

Developed By Signature:

PERRY J OLECK
Digitally signed by PERRY J OLECK
 Date: 2018.08.29 09:34:30 -07'00'
APPROVED BY:

MARLON ROBINSON

AJV-5440

Approved By Signature:

*Digitally signed by***JACOB POWERS**

Dec 06, 2018

CHANGES:

- 1) REMOVE CLOVIS (CZQ) TRANSITION, REMOVE LNDA FIX.
- 2) ADDED CHART: I-GWG LOCALIZER TO ADDITIONAL FLIGHT DATA.

REASONS:

- 1) CZQ VORTAC SCHEDULED FOR DECOMMISSIONING 04/25/2019.
- 2) MATCH CURRENT GRAPHIC; DEPICTED ON LOST COMM.

