

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.
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Arrival Name EMMLN	Number THREE	STAR Computer Code APLES.EMMLN3	Superseded Number TWO	Dated 01/22/2026	Effective Date
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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
DAGGETT	DAG.EMMLN3	DAG VORTAC	DAG VORTAC						
		DAG VORTAC	BASAL	213.88 (DAG R-214)	18.61	7900	7800		AT 10000
		BASAL	APLES	213.88 (DAG R-214)	18.97	7900	7800		AT 10000
HECTOR	HEC.EMMLN3	HEC VORTAC	HEC VORTAC						
		HEC VORTAC	GILLM	231.53 (HEC R-232)	25.74	10000	10000		AT 10000
		GILLM	APLES	231.53 (HEC R-232)	11.35	10000	10000		AT 10000

ARRIVAL ROUTE DESCRIPTION:

LANDING LGB/FUL/SLI: FROM OVER APLES ON PARADISE VORTAC (PDZ) R-012 TO CROSS CAPTZ AT 10000, THEN ON PDZ R-012 TO CROSS RRIZE AT 8100, THEN ON PDZ R-012 TO CROSS PDZ VORTAC AT 6000, THEN ON PDZ R-270 TO CROSS DOWDD AT 6000, THEN ON POMONA VORTAC (POM) R-187 TO CROSS AHEIM AT 6000, THEN ON SEAL BEACH VORTAC (SLI) R-058 TO CROSS SLI VORTAC AT 6000.

LANDING LGB: FROM OVER SLI VORTAC, FLY HEADING 210, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING FUL: FROM OVER SLI VORTAC, EXPECT VOR-A APPROACH.

LANDING SLI: FROM OVER SLI VORTAC, EXPECT VOR OR TACAN RWY 22L APPROACH OR RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING HHR: FROM OVER APLES ON PARADISE VORTAC (PDZ) R-012 TO CROSS CAPTZ AT 10000, THEN ON PDZ R-012 TO CROSS RRIZE AT 8100, THEN ON PDZ R-012 TO CROSS PDZ VORTAC AT 6000, THEN ON PDZ R-270 TO CROSS RNDAL AT 6000, THEN FLY HEADING 235. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

LANDING SNA: FROM OVER APLES ON PARADISE VORTAC (PDZ) R-012 TO CROSS CAPTZ AT 10000, THEN ON PDZ R-012 TO CROSS RRIZE AT 8100, THEN ON PDZ R-012 TO CROSS PDZ VORTAC AT 6000, THEN ON PDZ R-270 TO CROSS RNDAL AT 6000, THEN ON POM R-164 TO CROSS POXKU AT 6000, THEN ON SLI R-058 TO CROSS SLI VORTAC AT 6000. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PBN REQUIREMENT NOTES:

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

NOTE: TURBOPROP AND PROP AIRCRAFT ONLY.

FIXES AND/OR HOLDING PATTERNS:

CHART: EMMLN.

COMMUNICATIONS:



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EMMLN	THREE	APLES.EMMLN3	TWO	01/22/2026	

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
FUL	FULLERTON	CA
HHR	HAWTHORNE	CA
SNA	SANTA ANA	CA
LGB	LONG BEACH	CA
SLI	LOS ALAMITOS	CA

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

ABBREVIATED AMDT.
 HEC MEAS OF 10000 DUE TO NAVAID LIMITATION (HEC Unusable 231° - 240° byd 30.0NM blo 10000').
 DO NOT CHART MOCAS (MEA VALUE WITHIN 500FT).

ADDITIONAL FLIGHT DATA:

CHART AT SLI VORTAC TERMINUS: LDG LGB/FUL/SLI/SNA.
 CHART AT RNDAL TERMINUS: LDG HHR.

FLIGHT INSPECTED BY:	<i>Digitally signed by</i>	ORGANIZATION:	DATE:	Flight Inspected Signature:	_____
JAMES L REINEBOLD	CASEY D HILL	AJF	03/16/2026		
	Mar 17, 2026				
DEVELOPED BY:	<i>Digitally signed by</i>			Developed By Signature:	_____
BOYD STUCKEY	CASEY D HILL	AJV-A432	11/05/2025		
	Mar 17, 2026				
APPROVED BY:	<i>Digitally signed by</i>			Approved By Signature:	_____
CASIMIR TABAKA	CASEY D HILL	AJV-A432			
	Mar 17, 2026				

CHANGES:
 Mar 17, 2026
 1. REMOVED THE VCV VOR/DME FROM THE PROCEDURE, AND FROM THE APLES INT AND EMMLN INT FIX MAKE-UP.
 2. ADDED FIX MAKE UP PMD R-089.94 AS CROSSING RADIAL FOR EMMLN INT AND EDW R-119.87 AS CROSSING RADIAL FOR APLES INT.

REASONS:
 1/2. ATC REQUEST - DUE TO VCV VOR/DME DECOMMISSIONING.



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