

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.

| | | | | | |
|------------------------------|------------------------|---|---------------------------------|----------------------------|------------------------------------|
| Arrival Name EMMLN | Number THREE | STAR Computer Code APLES.EMMLN3 | Superseded Number TWO | Dated 01/22/2026 | Effective Date 14MAY2026 |
|------------------------------|------------------------|---|---------------------------------|----------------------------|------------------------------------|

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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AIRPORTS SERVED:

| <u>AIRPORT ID</u> | <u>CITY</u> | <u>STATE</u> |
|-------------------|--------------|--------------|
| 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:

JAMES L REINEBOLD

Digitally signed by

CASEY D HILL

Mar 17, 2026

ORGANIZATION:

AJF

DATE:

03/16/2026

Flight Inspected Signature: _____

DEVELOPED BY:

BOYD STUCKEY

Digitally signed by

CASEY D HILL

Mar 17, 2026

AJV-A432

11/05/2025

Developed By Signature: _____

APPROVED BY:

CASIMIR TABAKA

Digitally signed by

CASEY D HILL

Mar 17, 2026

AJV-A432

Approved By Signature: _____

CHANGES:

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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| EMMLN | THREE | APLES.EMMLN3 | TWO | 01/22/2026 | 14MAY2026 |

Graphic Depiction 1

