

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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
EMMLN	TWO	APLES.EMMLN2	ONE	11/03/2022	

TRANSITION ROUTES:

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes
DAGGETT	DAG.EMMLN2	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.EMMLN2	HEC VORTAC	HEC VORTAC						
		HEC VORTAC	GILLM	231.53 (HEC R-232)	25.74	10000	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:

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	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
EMMLN	TWO	APLES.EMMLN2	ONE	11/03/2022	

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:

ORGANIZATION: DATE:

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT:
GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION VALIDATION.

Flight Inspected Signature:

Digitally signed by

ALLAN WILL

Jul 23, 2025

Digitally signed by

ALLAN WILL

Jul 23, 2025

Digitally signed by

ALLAN WILL

Jul 23, 2025

DEVELOPED BY:

ALLAN WILL (LISA DUDZINSKI)

AJV-A33

6/12/2025

Developed By Signature:

APPROVED BY:

KYLE THOMPSON

AJV-A33

Approved By Signature:

CHANGES:

1. ARRIVAL ROUTE DESCRIPTION: LANDING HHR: CHANGED FROM "FLY HEADING 250" TO "FLY HEADING 235."
2. REMOVED AIRPORT NAMES AND "K" IDENTIFICATION FROM DOCUMENTATION.
3. RAISED MOCA FROM 7700 TO 7800 ON THE DAGGETT TRANSITION.
4. MOVED RADAR REQUIRED FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES.

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	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
EMMLN	TWO	APLES.EMMLN2	ONE	11/03/2022	

REASONS:

1. ATC REQUEST.
2. IAW CURRENT DOCUMENTATION STANDARDS.
3. UPDATED OBSTACLE ANALYSIS.
4. IAW 8260.19J, 4-5-12D(2).

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	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
EMMLN	TWO	APLES.EMMLN2	ONE	11/03/2022	

Graphic Depiction 1

