

**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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
STINS	FOUR	PYE.STINS4	THREE	09/15/2016	17JUNE2021

TRANSITION ROUTES:

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
FORTUNA	FOT.STINS4	FOT VORTAC	LETHH	138.30 & 141.17 (FOT R-138 & PYE R-321)	132.86	FL180			
			LETHH	PYE VOR/DME	141.17 (PYE R-321)	35.00	9000		
MENDOCINO	ENI.STINS4	ENI VORTAC	PYE VOR/DME	145.72 & 144.97 (ENI R-146 & PYE R-325)	61.40	7000			
MUSTANG	FMG.STINS4	FMG VORTAC	ILA VORTAC	240.73 & 237.23 (FMG R-241 & ILA R-057)	113.83	FL180			
			ILA VORTAC	PYE VOR/DME	195.91 & 196.38 (ILA R-196 & PYE R-016)	71.38	7000		
RED BLUFF	RBL.STINS4	RBL VORTAC	GOWCH	175.90 & 176.50 (RBL R-176 & PYE R-357)	94.58	15000			
			GOWCH	PYE VOR/DME	176.50 (PYE R-357)	30.00	7000		
ROSEBURG	RBG.STINS4	RBG VOR/DME	ENI VORTAC	159.16 & 163.21 (RBG R-159 & ENI R-343)	247.64	FL180			
			ENI VORTAC	PYE VOR/DME	145.72 & 144.97 (ENI R-146 & PYE R-325)	61.40	7000		

ARRIVAL ROUTE DESCRIPTION:

FROM OVER PYE VOR/DME ON PYE R-144.00 TO STINS, THEN ON SFO R-287.00 TO SFO VOR/DME. EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

PROCEDURAL DATA NOTES:

VERTICAL NAVIGATION PLANNING INFORMATION:
AT PYE: TURBOJETS EXPECT TO CROSS AT 9000.
TURBOPROP EXPECT TO CROSS AT 7000.
NOTE: RADAR REQUIRED.
NOTE: FORTUNA TRANSITION: DME REQUIRED.
NOTE: RED BLUFF TRANSITION: DME REQUIRED.



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FIXES AND/OR HOLDING PATTERNS:

CHART NAVAID: SAU VOR/DME
 CHART: HOLDING AT POINT REYES VOR/DME, HOLD NW, RT, 144.98 INBOUND.
 CHART: HOLDING AT STINS, HOLD NW, RT, 144.00 INBOUND.
 CHART: HOLDING AT MENDOCINO VORTAC, HOLD N, RT, 163.21 INBOUND.

COMMUNICATIONS:

OAKLAND ARTCC, NORTHERN CALIFORNIA TRACON, SAN FRANCISCO ATIS.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
SAN FRANCISCO INTL (KSFO)	SAN FRANCISCO	CA

LOST COMMUNICATIONS PREFERENCES:

REMARKS:

ABBREVIATED AMENDMENT, DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

ADDITIONAL FLIGHT DATA:

CHART COP: RBG 98/ENI 150, FMG 30/ILA 84, RBL 35/PYE 90, FOT 78/PYE 90

FLIGHT INSPECTED BY:

ORGANIZATION:

DATE:

Digitally signed by

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020 SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

Flight Inspected Signature:

ALLAN WILL
Feb 09, 2021

DEVELOPED BY: *Digitally signed by*

KELLIE BARNES **KELLIE R BARNES**
Jan 27, 2021

AJV-A423

01/13/2021

Developed By Signature:

APPROVED BY:

MARLON ROBINSON

AJV-A420

Approved By Signature:

Digitally signed by
ALLAN WILL
Feb 09, 2021



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CHANGES:

1. REMOVED STS VOR/DME FROM FIXES AND/OR HOLDING PATTERNS
2. REMOVED INT FROM FIX DESCRIPTIONS
3. CHANGED "VIA" TO "ON" IN ARRIVAL ROUTE DESCRIPTION
4. ADDED DME REQUIRED NOTES FOR FORTUNA/RED BLUFF TRANSITIONS

REASONS:

- 1, 4. STS VOR MON
- 2, 3. IAW CURRENT STAR DOCUMENTATION STANDARDS

