

## US DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**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.

Distances are in nautical miles (NM). Graphic depiction attached.

Arrival Name			Number	STAR Computer Code		Superseded Number			Dated	Effective Date	
YOSEM RNAV			THREE	YOSEM.YOSEM3		TWO			08/22/2013	30 APR 2015	
Transition Name			Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Mag Course	Distance	MEA	MOCA	MAA	Crossing Altitudes / Fixes

**TRANSITION ROUTES:****ARRIVAL ROUTE DESCRIPTION:**

FROM YOSEM ON TRACK 248.24/50.00 TO SNORA (MEA FL180), THEN ON TRACK 247.57/39.80 TO CROSS ZOMER AT/ABOVE FL270 AND AT 280 KIAS (MEA 10000/MOCA 8300). LANDING RWY 28R/L: FROM ZOMER ON TRACK 247.09/30.26 TO CROSS FRIGG AT/BELOW FL190 (MEA 10000/MOCA 4100), THEN ON TRACK 248.57/16.89 TO CROSS SOOIE BETWEEN 11000 AND 13000 AND AT 250 KIAS (MEA 7000/MOCA 6300), THEN ON TRACK 248.40/12.26 TO CROSS FAITH AT 8000 (MEA 7000/MOCA 6200). EXPECT ASSIGNED INSTRUMENT APPROACH PROCEDURE, OR EXPECT RADAR VECTORS TO FINAL.

**PROCEDURAL DATA NOTES:**

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: YOSEM3 STAR ATC ASSIGNED ONLY.

**FIXES AND/OR HOLDING PATTERNS:**

CHART: KICHI

CHART: RUSME

**COMMUNICATIONS:**

ATIS, ZOA, NORCAL APP CON, ATCT, GND CON

**AIRPORTS SERVED:**

SAN FRANCISCO INTL, SAN FRANCISCO, CA

**LOST COMMUNICATIONS PROCEDURE:****REMARKS:****ADDITIONAL FLIGHT DATA:**

DME/DME ASSESSMENT: SAT (RNP 2.0).

REFERENCE MAGNETIC VARIATION = KSFO 14E/2015



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Arrival Name	Number	STAR Computer Code	Superseded Number	Dated	Effective Date
<b>YOSEM RNAV</b>	<b>THREE</b>	<b>YOSEM.YOSEM3</b>	<b>TWO</b>	08/22/2013	<b>30 APR 2015</b>

**CHANGES:**

1. REMOVED EN ROUTE TRANSITIONS FROM COALDALE AND LIDAT.
2. ADDED STAND ALONE FIXES KICHI AND RUSME.
3. REMOVED WAYPOINTS BONNS AND STEEV.
4. ADDED SOOIE WAYPOINT WITH CROSSING AND SPEED RESTRICTIONS.
5. REMOVED "EXPECT ALTITUDE/SPEED" NOTATIONS.
6. ADDED SPEED RESTRICTION AT ZOMER.
7. CHANGED MEA'S FOR SNORA-ZOMER AND ZOMER-FRIGG TO 10000.
8. ADDED MOCA FOR: SNORA-ZOMER 8300, ZOMER-FRIGG 4100, FRIGG-SOOIE 6300, SOOIE-FAITH 6200.
9. CHANGED LAST LINE IN ARRIVAL ROUTE DESCRIPTION FROM: "EXPECT RADAR VECTORS TO FINAL APPROACH COURSE", TO: "EXPECT ASSIGNED INSTRUMENT APPROACH PROCEDURE, OR EXPECT RADAR VECTORS TO FINAL APPROACH COURSE".
10. REMOVED NOTE: TURBOJET AND CATEGORY D NON-JET AIRCRAFT ONLY.

**REASONS:**

- 1, 2. INDUSTRY REQUEST AND IMPROVED DME/DME COVERAGE ON PROCEDURE.
3. BONNS AND STEEV NO LONGER NEEDED.
4. SOOIE NEEDED FOR CROSSING RESTRICTION.
- 5, 6, 7, 8, 10. ATC DESIGN CHANGE REQUEST AND FPT CHECKLIST.
9. ACCOMMODATES USE OF BOTH RWY 28L AND RWY 28R DUE TO RWY 28R NOT HAVING IAP'S.



## US DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**STAR (DATA RECORD)**

Arrival Name <b>YOSEM RNAV</b>	Number <b>THREE</b>	STAR Computer Code <b>YOSEM.YOSEM3</b>	Superseded Number <b>TWO</b>	Dated 08/22/2013	Effective Date <b>30 APR 2015</b>
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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
Common Route									
YOSEM	374545.87N / 1184559.80W	Y		IF					YOSEM.YOSEM3
SNORA	373844.00N / 1194822.66W	Y	FB	TF	262.24	50.00			
ZOMER	373243.25N / 1203753.19W	Y	FB	TF	261.57	39.80	AT/ABOVE FL270	AT 280K	
Runway Transition									
ZOMER	373243.25N / 1203753.19W	Y		IF			AT/ABOVE FL270	AT 280K	
FRIGG	372755.83N / 1211526.24W	Y	FB	TF	261.09	30.26	AT/BELOW FL190		
SOOIE	372542.86N / 1213627.50W	Y	FB	TF	262.57	16.89	11000B13000	AT 250K	
FAITH	372404.38N / 1215142.84W	Y	FB	TF	262.40	12.26	AT 8000		
KSFO:RWY 28L/R									



**US Department of Transportation  
Federal Aviation Administration**

**STAR (Data Record)**

ARINC SUMMARY - 424-18 - STAR

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		YOSEM	010		IF		FB					
		SNORA	020		TF		FB					
		ZOMER	030		TF		FB				AA FL270	AT 280
	RW28B	ZOMER	010		IF		FB				AA FL270	AT 280
	RW28B	FRIGG	020		TF		FB				AB FL190	
	RW28B	SOOIE	030		TF		FB				BT 1300011000	AT 250
	RW28B	FAITH	040		TF		FB				AT 08000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FAITH	N372404.38	W1215142.84	N3724.073	W12151.714
	FRIGG	N372755.83	W1211526.24	N3727.931	W12115.437
	SNORA	N373844.00	W1194822.66	N3738.733	W11948.378
	SOOIE	N372542.86	W1213627.50	N3725.714	W12136.458
	YOSEM	N374545.87	W1184559.80	N3745.765	W11845.997
	ZOMER	N373243.25	W1203753.19	N3732.721	W12037.887
	RW28L	N373643.54	W1222133.35	N3736.726	W12221.556
	RW28R	N373650.10	W1222129.00	N3736.835	W12221.483

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28L	00013	53
	RW28R	00013	55

QUALITY  
12  
CHECKED

(11)  
**Arrival Name**  
YOSEM RNAV

(12)  
**Number**  
THREE

(13)  
**STAR Computer Code**  
YOSEM.YOSEM3

(14)  
**Superseded Nr.**  
TWO

(15)  
**Dated**  
08/22/2013

(16)  
**Effective Date**  
**30 APR 2015**