

**U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)**

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TRUKN	TWO	TRUKN2.TRUKN	ONE	11/13/2014	25 JUN 2015

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RUNWAY 1L: CLIMB HEADING 013.80 TO 520, THEN RIGHT TURN DIRECT TYDYE, CROSS TYDYE AT OR ABOVE 3000, THEN ON TRACK 042.80 TO TRUKN. THENCE...

TAKEOFF RUNWAY 1R: CLIMB HEADING 013.80 TO 520, THEN RIGHT TURN DIRECT TYDYE, CROSS TYDYE AT OR ABOVE 3000, THEN ON TRACK 042.80 TO TRUKN. THENCE...

TAKEOFF RUNWAY 28L: CLIMB HEADING 283.81 TO 520 AND AT OR BELOW 210 KIAS, THEN RIGHT TURN DIRECT TRUKN. THENCE...

TAKEOFF RUNWAY 28R: CLIMB HEADING 283.82 TO 520 AND AT OR BELOW 210 KIAS, THEN RIGHT TURN DIRECT TRUKN. THENCE...

...ON (TRANSITION). MAINTAIN FL190. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
DEDHD	TRUKN2.DEDHD	TRUKN	DEDHD	TRACK 353.39	37.35	11100	4500	
GRTFL	TRUKN2.GRTFL	TRUKN	GRTFL	TRACK 344.80	38.04	11300	4500	
MOGEE	TRUKN2.MOGEE	TRUKN	HYPEE	TRACK 021.61	12.00	6100	4300	
		HYPEE	MOGEE	TRACK 035.38	42.15	13500	6000	
ORRCA	TRUKN2.ORRCA	TRUKN	HYPEE	TRACK 021.61	12.00	6100	4300	
		HYPEE	ORRCA	TRACK 021.70	41.67	14400	6000	
SYRAH	TRUKN2.SYRAH	TRUKN	COSMC	TRACK 042.84	11.91	5100	4300	
		COSMC	SYRAH	TRACK 062.72	43.95	13900	6000	
TIPRE	TRUKN2.TIPRE	TRUKN	COSMC	TRACK 042.84	11.91	5100	4300	
		COSMC	TIPRE	TRACK 049.35	51.28	15300	6000	



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PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF MINIMUMS:

RWY 1L/R: STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 520.
 RWY 28L: STANDARD WITH MINIMUM CLIMB OF 535 FT PER NM TO 2100.
 RWY 28R: STANDARD WITH MINIMUM CLIMB OF 560 FT PER NM TO 2100.

NOTE: RNAV 1.

NOTE: RADAR REQUIRED.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RUNWAY 28L/R DO NOT EXCEED 210 KIAS UNTIL LEAVING 520 FEET.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 1L, SHIPS BEGINNING 1646 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 150 FT AGL/150 FT MSL.

NOTE: RWY 1R, SHIPS BEGINNING 1173 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 150 FT AGL/150 FT MSL.

NOTE: RWY 28L, SIGN 19 FT FROM DER, 500 FT RIGHT OF CENTERLINE, 5 FT AGL/9 FT MSL. OBSTRUCTION LIGHTS ON DME BEGINNING 277 FT FROM DER, 162 FT LEFT OF CENTERLINE, UP TO 16 FT AGL/26 FT MSL. OBSTRUCTION LIGHT ON LOCALIZER BEGINNING 219 FT FROM DER, ON CENTERLINE, UP TO 10 FT AGL/17 FT MSL. MULTIPLE POLES, ELECTRICAL SYSTEM BEGINNING 824 FT FROM DER, 300 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/56 FT MSL MULTIPLE BUILDINGS, TRANSMISSION TOWERS, TANK AND POLE BEGINNING 1305 FT FROM DER, 370 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/103 FT MSL.

NOTE: RWY 28R, MULTIPLE SIGNS, BEGINNING 23 FT FROM DER, 140 FT RIGHT OF CENTERLINE, UP TO 5 FT AGL/10 FT MSL. TERRAIN BEGINNING 58 FT FROM DER, 146 FT RIGHT OF CENTERLINE, UP TO 10 FT MSL. SIGN, 63 FT FROM DER, 250 FT LEFT OF CENTERLINE 5 FT AGL/8 FT MSL. TERRAIN BEGINNING 130 FT FROM DER, 235 FT LEFT OF CENTERLINE, UP TO 10 FT MSL, ANTENNA ON BUILDING, OBSTRUCTION LIGHT ON DME, TREE, BEGINNING 556 FT FROM DER, 268 FT RIGHT OF CENTERLINE, UP TO 35 FT AGL/43 FT MSL. MULTIPLE POLES BEGINNING 918 FT FROM DER, 598 FT LEFT OF CENTERLINE, UP TO 22 FT AGL/35 FT MSL. MULTIPLE BUILDINGS, TREES BEGINNING 1467 FT FROM DER, 683 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/68 FT MSL. MULTIPLE BUILDINGS, TRANSMISSION TOWERS, TREES AND ELECTRICAL SYSTEM BEGINNING 1826 FT FROM DER, 123 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/103 FT MSL.

CONTROLLING OBSTACLES:

RWY 28 L/R: 1374 FT MSL AAO 374041.90N/1222524.25W, 1569 FT MSL TOWER 374114.38N/1222605.34W.

LOST COMMUNICATIONS PROCEDURES:



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ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KSFO 14E EPOCH YEAR: 2015. **DME/DME ASSESSMENT:** SAT (RNP 2.0)
CHART: TOP ALTITUDE: FL190.

AIRPORTS SERVED:

SAN FRANCISCO INTL

SAN FRANCISCO, CA

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, TOWER, NORCAL DEP CON

FIXES AND/OR NAVAIDS:



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REMARKS:

APPROVAL LETTER ON FILE FOR CLIMB GRADIENT IN EXCESS OF 500 FT PER NM FOR RWY 28L AND RWY 28R.

MOUNTAINOUS REDUCTION APPLIED IN SEGMENT FROM COSMC TO SYRAH AND COSMC TO TIPRE TO PROVIDE SUFFICIENT ROC OVER 3901 MSL (3601 AGL) TOWER THAT IS CLOSE TO COSMC (PRECEDING SEGMENT MEA 5100, DISTANCE FROM COSMC + ATT TO TOWER 06-000124 = 3.73 NM).

COORDINATED WITH: Apr 10, 2015

ATA, ALPA, APA, AOPA, NBAA, SFO ATCT, NORCAL APP CON, ZOA

CHANGES:

8260-15B TAKEOFF MINIMUMS REMOVED NOTE TURBOJET ONLY, ADDITIONAL FLIGHT DATA ADDED TOP ALTITUDE FL190. ALL FORMS CHANGED ALL REFERENCES TO DEPARTURE COMPUTER CODE FROM TRUKN1.TRUKN TO TRUKN2.TRUKN.

8260-15C CHANGED ALL REFERENCES IN TRANSITION COMPUTER CODES FROM TRUKN1.TRUKN TO TRUKN2.TRUKN2 AND IN REMARKS COLUMN CHANGED TRUKN1 TO TRUKN2.

THIS AMENDMENT WAS PROCESSED TO MAKE EDITORIAL CHANGES ONLY TO THE 8260-15B & C. ALL FILES AND FOLDER NAMES HAVE BEEN CHANGED TO REFLECT THE TRUKN TWO DEPARTURE, THE DATA IN THE FOLDERS WILL RETAIN THE TRUKN ONE DEPARTURE IDENTIFICATION.

REASONS:

ATC REQUEST AND NEW CRITERIA TO CHART A TOP ALTITUDE.



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code		Superseded Number		Dated	Effective Date		
TRUKN	TWO	TRUKN2.TRUKN		ONE		11/13/2014	25 JUN 2015		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW01L (AER)*	373634.03N/1222254.83W*	N	-	-	-				*DISP THLD (640 FT)
520 MSL		-	-	VA	027.80				CG 500 FT/NM TO 520
TYDYE	374121.55N/1221608.20W	Y	FB	DF	-		AT/ABOVE 3000		RIGHT TURN
TRUKN	374303.21N/1221252.52W	Y	FB	TF	056.80	3.09			
RW01R (AER)*	373627.68N/1222248.50W*	N	-	-	-				*DISP THLD (560 FT)
520 MSL		-	-	VA	027.80		AT/ABOVE 3000		CG 500 FT/NM TO 520
TYDYE	374121.55N/1221608.20W	Y	FB	DF	-				RIGHT TURN
TRUKN	374303.21N/1221252.52W	Y	FB	TF	056.80	3.09			
RW28L (AER)*	373643.54N/1222133.35W*	N	-	-	-				*DISP THLD (300 FT)
520 MSL		-	-	VA	297.81			AT/BELOW 210	CG 535 FT/NM TO 2100
TRUKN	374303.21N/1221252.52W	Y	FB	DF	-				RIGHT TURN
RW28R (AER)*	373650.10N/1222129.01W*	N	-	-	-				*DISP THLD (300 FT)
520 MSL		-	-	VA	297.82			AT/BELOW 210	CG 560 FT/NM TO 2100
TRUKN	374303.21N/1221252.52W	Y	FB	DF	-				RIGHT TURN
TRUKN	374303.21N/1221252.52W	Y	FB	IF	-	-			TRUKN2.DEDHD
DEDHD	382007.86N/1220646.11W	Y	FB	TF	007.39	37.35			
TRUKN	374303.21N/1221252.52W	Y	FB	IF	-	-			TRUKN2.GRTFL
GRTFL	382107.81N/1221353.29W	Y	FB	TF	358.80	38.04			
TRUKN	374303.21N/1221252.52W	Y	FB	IF	-	-			TRUKN2.MOGEE
HYPEE	375248.88N/1220402.94W	Y	FB	TF	035.61	12.00			
MOGEE	382010.00N/1212323.00W	Y	FB	TF	049.38	42.15			
TRUKN	374303.21N/1221252.52W	Y	FB	IF	-	-			TRUKN2.ORRCA
HYPEE	375248.88N/1220402.94W	Y	FB	TF	035.61	12.00			
ORRCA	382637.17N/1213305.84W	Y	FB	TF	035.70	41.67			



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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
TRUKN	374303.21N/1221252.52W	Y	FB	IF	-	-			TRUKN2.SYRAH
COSMC	374933.82N/1220017.64W	Y	FB	TF	056.84	11.91			
SYRAH	375927.78N/1210611.12W	Y	FB	TF	076.72	43.95			
TRUKN	374303.21N/1221252.52W	Y	FB	IF	-	-			TRUKN2.TIPRE
COSMC	374933.82N/1220017.64W	Y	FB	TF	056.84	11.91			
TIPRE	381221.00N/1210209.00W	Y	FB	TF	063.35	51.28			

