

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

City, State	Airport	Effective Date	Amdt. No.
SAN JOSE, CA	NORMAN Y. MINETA SAN JOSE INTL	21 JULY 2016	6C

TAKEOFF MINIMUMS:

RWY 12L/R, 400-2 ½ OR STANDARD WITH MINIMUM CLIMB OF 261 FEET PER NM TO 500.
RWY 30L/R, STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 12L/R: CLIMBING RIGHT TURN TO 2000 ON HEADING 318 AND ON OAK R-135 TO OAK VOR/DME BEFORE PROCEEDING ON COURSE.
RWY 30L/R: CLIMB VIA HEADING 315 TO 2000, THEN VIA OAK R-132 TO OAK VOR/DME BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 12L, FENCE 156 FEET FROM DER, 57 FEET LEFT OF CENTERLINE, 14 FEET AGL/73 FEET MSL. OL ON BLAST FENCE, 156 FEET FROM DER, 57 FEET LEFT OF CENTERLINE, 73 FEET MSL. POLE 191 FEET FROM DER, 81 FEET LEFT OF CENTERLINE, 34 FEET AGL/93 FEET MSL. TREES BEGINNING 286 FEET FROM DER, 161 FEET RIGHT OF CENTERLINE, UP TO 107 FEET MSL. T-L TWR, POLE BEGINNING 466 FEET FROM DER, 228 FEET LEFT OF CENTERLINE, UP TO 46 FEET AGL/105 FEET MSL. TREE 1281 FEET FROM DER, 529 FEET LEFT OF CENTERLINE, 117 FEET MSL. T-L TWR 1731 FEET FROM DER, 729 FEET LEFT OF CENTERLINE, 86 FEET AGL/156 FEET MSL. TREE 1799 FEET FROM DER, 273 FEET LEFT OF CENTERLINE, 144 FEET MSL. TREE 1887 FEET FROM DER, 68 FEET RIGHT OF CENTERLINE, 124 FEET MSL. T-L TWR 3047 FEET FROM DER, 543 FEET LEFT OF CENTERLINE, 73 FEET AGL/147 FEET MSL. BUILDING 1.2 NM FROM DER, 630 FEET LEFT OF CENTERLINE, 170 FEET AGL/250 FEET MSL. BUILDING 1.3 NM FROM DER, 1051 FEET LEFT OF CENTERLINE, 265 FEET MSL. BUILDING 1.3 NM FROM DER, 445 FEET LEFT OF CENTERLINE, 217 FEET AGL/301 FEET MSL. BUILDING 1.3 NM FROM DER, 51 FEET LEFT OF CENTERLINE, 228 FEET AGL/309 FEET MSL. BUILDINGS BEGINNING 1.3 NM FROM DER, 81 FEET LEFT OF CENTERLINE, UP TO 312 FEET MSL. BUILDING 1.5 NM FROM DER, 975 FEET LEFT OF CENTERLINE, 262 FEET AGL/351 FEET MSL. BUILDING 1.5 NM FROM DER, 1591 FEET LEFT OF CENTERLINE, 268 FEET AGL/358 FEET MSL. BUILDINGS BEGINNING 1.5 NM FROM DER, 82 FEET LEFT OF CENTERLINE, UP TO 365 FEET MSL. BUILDINGS BEGINNING 1.6 NM FROM DER, 280 FEET RIGHT OF CENTERLINE, UP TO 346 FEET MSL. BUILDINGS BEGINNING 1.6 NM FROM DER, 350 FEET RIGHT OF CENTERLINE, UP TO 260 FEET AGL/350 FEET MSL. BUILDING 1.6 NM FROM DER, 1977 FEET LEFT OF CENTERLINE, 286 FEET AGL/368 FEET MSL. BUILDINGS BEGINNING 1.6 NM FROM DER, 640 FEET LEFT OF CENTERLINE, UP TO 274 FEET AGL/370 FEET MSL. BUILDING 1.9 NM FROM DER, 313 FEET RIGHT OF CENTERLINE, 284 FEET AGL/373 FEET MSL. BUILDING 1.9 NM FROM DER, 282 FEET RIGHT OF CENTERLINE, 281 FEET AGL/372 FEET MSL.

NOTE: RWY 12R, OL ON LOC 10 FEET FROM DER, ON CENTERLINE, 68 FEET MSL. OL ON BLAST FENCE 45 FEET FROM DER, 115 FEET RIGHT OF CENTERLINE, 75 FEET MSL. FENCE 45 FEET FROM DER, 115 FEET RIGHT OF CENTERLINE, 14 FEET AGL/75 FEET MSL. TREE 269 FEET FROM DER, 149 FEET RIGHT OF CENTERLINE, 100 FEET MSL. TREES, BEGINNING 285 FEET FROM DER, 193 FEET LEFT OF CENTERLINE, UP TO 107 FEET MSL. RD(I) 338 FEET FROM DER, 2 FEET RIGHT OF CENTERLINE, 82 FEET MSL. TREE, POLE BEGINNING 519 FEET FROM DER, 279 FEET RIGHT OF CENTERLINE, UP TO 122 FEET MSL. TREES BEGINNING 1798 FEET FROM DER, 631 FEET LEFT OF CENTERLINE, UP TO 144 FEET MSL. POLES BEGINNING 1948 FEET FROM DER, 688 FEET RIGHT OF CENTERLINE, UP TO 59 FEET AGL/128 FEET MSL. TREE 2604 FEET FROM DER, 551 FEET RIGHT OF CENTERLINE, 133 FEET MSL. T-L TWR 3046 FEET FROM DER, 1243 FEET LEFT OF CENTERLINE, 73 FEET AGL/147 FEET MSL. TREE 3079 FEET FROM DER, 873 FEET RIGHT OF CENTERLINE, 142 FEET MSL. BUILDING 1.3 NM FROM DER, 1145 FEET LEFT OF CENTERLINE, 217 FEET AGL/301 FEET MSL. BUILDING 1.3 NM FROM DER, 751 FEET LEFT OF CENTERLINE, 228 FEET AGL/309 FEET MSL. BUILDINGS BEGINNING 1.3 NM FROM DER, 781 FEET LEFT OF CENTERLINE, UP TO 312 FEET MSL. BUILDING 1.5 NM FROM DER, 1676 FEET LEFT OF CENTERLINE, 262 FEET AGL/351 FEET MSL. BUILDING 1.5 NM FROM DER, 2291 FEET LEFT OF CENTERLINE, 268 FEET AGL/358 FEET MSL. BUILDINGS BEGINNING 1.5 NM FROM DER, 134 FEET LEFT OF CENTERLINE, UP TO 365 FEET MSL. BUILDING 1.6 NM FROM DER, 2678 FEET LEFT OF CENTERLINE, 286 FEET AGL/368 FEET MSL. BUILDINGS BEGINNING 1.6 NM FROM DER, 1340 FEET LEFT OF CENTERLINE, UP TO 274 FEET AGL/370 FEET MSL. BUILDING 1.6 NM FROM DER, 345 FEET RIGHT OF CENTERLINE, 320 FEET MSL. BUILDING 1.9 NM FROM DER, 386 FEET LEFT OF CENTERLINE, 284 FEET AGL/373 FEET MSL. BUILDING 1.9 NM FROM DER, 417 FEET LEFT OF CENTERLINE, 281 FEET AGL/372 FEET MSL.

NOTE: RWY 30L, POLES BEGINNING 166 FEET FROM DER, 494 FEET LEFT OF CENTERLINE, UP TO 69 FEET MSL. NAVAID 174 FEET FROM DER, ON CENTERLINE, 7 FEET AGL/44 FEET MSL. FENCE 184 FEET FROM DER, 369 FEET RIGHT OF CENTERLINE, 15 FEET AGL/51 FEET MSL. TREE 308 FEET FROM DER, 424 FEET LEFT OF CENTERLINE, 71 FEET MSL. TREE, POLE BEGINNING 473 FEET FROM DER, 118 FEET RIGHT OF CENTERLINE, UP TO 72 FEET MSL. POLES BEGINNING 711 FEET FROM DER, 544 FEET RIGHT OF CENTERLINE, UP TO 75 FEET MSL. NAVAID 782 FEET FROM DER, 350 FEET LEFT OF CENTERLINE, 47 FEET AGL/83 FEET MSL. POLE 1227 FEET FROM DER, 607 FEET LEFT OF CENTERLINE, 48 FEET AGL/86 FEET MSL. POLE 1315 FEET FROM DER, 548 FEET RIGHT OF CENTERLINE, 49 FEET AGL/80 FEET MSL. POLE 1329 FEET FROM DER, 743 FEET LEFT OF CENTERLINE, 57 FEET AGL/94 FEET MSL. TREE 1852 FEET FROM DER, 179 FEET RIGHT OF CENTERLINE, 85 FEET MSL. TREE 2561 FEET FROM DER, 738 FEET RIGHT OF CENTERLINE, 108 FEET MSL. TRMSN TWR, T-L TWR, BEGINNING 2616 FEET FROM DER, 1130 FEET LEFT OF CENTERLINE, UP TO 120 FEET MSL. POLE 2806 FEET FROM DER, 1215 FEET LEFT OF CENTERLINE, 135 FEET MSL. POLE 2897 FEET FROM DER, 614 FEET LEFT OF CENTERLINE, 113 FEET MSL. POLE, T-L TWR, BEGINNING 4145 FEET FROM DER, 1329 FEET LEFT OF CENTERLINE, UP TO 152 FEET MSL.

QUALITY
3
CHECKED

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NOTE: RWY 30R, POLE 100 FEET FROM DER, 449 FEET RIGHT OF CENTERLINE, 40 FEET AGL, 75 FEET MSL. FENCE 138 FEET FROM DER 243 FEET RIGHT OF CENTERLINE, 13 FEET AGL/47 FEET MSL. FENCE 184 FEET FROM DER, 329 FEET LEFT OF CENTERLINE, 15 FEET AGL/51 FEET MSL. TREE 411 FEET FROM DER, 37 FEET LEFT OF CENTERLINE, 70 FEET MSL. TREE 473 FEET FROM DER, 319 FEET LEFT OF CENTERLINE, 72 FEET MSL. POLE 526 FEET FROM DER, 580 FEET LEFT OF CENTERLINE, 26 FEET AGL/61 FEET MSL. POLE 657 FEET FROM DER, 369 FEET RIGHT OF CENTERLINE, 53 FEET AGL/84 FEET MSL. VEHICLE ON RD BEGINNING 688 FEET FROM DER, ON CENTERLINE, UP TO 68 FEET MSL. POLES BEGINNING 711 FEET FROM DER, 57 FEET LEFT OF CENTERLINE, UP TO 25 FEET AGL/75 FEET MSL. POLE 961 FEET FROM DER, 133 FEET RIGHT OF CENTERLINE, 56 FEET AGL/88 FEET MSL. POLE 1315 FEET FROM DER, 150 FEET LEFT OF CENTERLINE, 49 FEET AGL/80 FEET MSL. TREE 1852 FEET FROM DER, 519 FEET LEFT OF CENTERLINE, 85 FEET MSL. TREE 2561 FEET FROM DER, 39 FEET RIGHT OF CENTERLINE, 108 FEET MSL. BUILDING 3424 FEET FROM DER, 146 FEET RIGHT OF CENTERLINE, 96 FEET AGL/124 FEET MSL.

CONTROLLING OBSTACLES:

RWY 12L/R, 372 FT MSL TOWER (KSJCT0425) 371938.05N/1215320.87W (VISIBILITY). 373 FT MSL TOWER (KSJC0076) 371937.96N/1215321.27W (CEILING). 365 FT MSL BLDG (KSJCT0413) 372009.54N/1215324.56W (CLIMB GRADIENT).



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REMARKS:

FLIGHT INSPECTED BY:

THOMAS E MOLOKIE FICO

Digitally signed by
BEV L BORDY
05/19/2016 May 24, 2016

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

PHILLIP BRANDENBURG AJV-5432

Digitally signed by
PHILLIP BRANDENBURG
2/22/2016 Feb 22, 2016

APPROVED BY:

LONNIE EVERHART AJV-5430

Digitally signed by
BEV L BORDY
May 24, 2016

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, BAY TRACON, SJC ATCT, ST AERO

CHANGES:

1. TEXTUAL DEPARTURE PROCEDURE CHANGED FROM 'RWY 12L/R: CLIMBING RIGHT TURN VIA HEADING 318 TO 2000, THEN VIA OAK R-135 TO OAK VORTAC BEFORE PROCEEDING ON COURSE' TO READ 'RWY 12L/R: CLIMBING RIGHT TURN TO 2000 ON HEADING 318 AND ON OAK R-135 TO OAK VOR/DME BEFORE PROCEEDING ON COURSE.
2. TEXTUAL DEPARTURE PROCEDURE CHANGED FROM 'RWY 30L/R: CLIMB VIA HEADING 312...' TO READ 'RWY 30L/R: CLIMB VIA HEADING 315...'.
3. REMOVED RWY 11/29 REFERENCES.
4. UPDATED TAKEOFF OBSTACLE NOTES.
5. UPDATED RWY 12L/R TAKEOFF MINIMUMS TO 400-2 ½ OR STANDARD WITH MINIMUM CLIMB OF 261 FEET PER NM TO 500.

REASONS:

- 1-2. PER 8260.19E/AIRPORT MAGVAR FROM E16 TO E13.
3. RWY 11/29 CANCELLED EFFECTIVE 03/05/2014, PER NFDD 032 DATED 02/18/2015.
4. PER LATEST EVAL.
5. CONTROLLING OBSTACLES SAME FOR BOTH RWYS, PER LATEST EVAL.

QUALITY
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