

| | | | | | | | | | | | | | | | | |
|--|--|---|-------|----------------------------------|--|-------|---|--------|---|-------------------------------|--------|-------|-------------------------------------|--------|-----|---------|
| US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION | | RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33 | | | Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR. | | | | | | | | | | | |
| TERMINAL ROUTES | | | | | | | | | | MISSED APPROACH | | | | | | |
| FROM | | TO | | COURSE AND DISTANCE | | | ALTITUDE | | RNP: DA | | | | | | | |
| ARTAQ (IAF) | | OMSEE (TF) (FB) (RNP 1.00) | | 122.50 / 2.00 | | | 1800 | | CLIMB TO 4600 ON TRACK 125.80 TO COKOR ON TRACK 124.43 TO GILRO AND HOLD. | | | | | | | |
| OMSEE (IF) | | HINIR (TF) (RNP 1.00) | | 125.77 / 2.20 | | | 1100 | | | | | | | | | |
| HITIR (IF) | | ZORSA (TF) (FB) (RNP 1.00) | | 305.77 / 3.14 | | | 3000 | | | | | | | | | |
| ZORSA | | NIBUY (RF) (FB) (RNP 1.00) | | (2.23 NM RADIUS CW (CFBLQ))/4.48 | | | 1800 | | | | | | | | | |
| NIBUY | | HINIR (RF) (RNP 1.00) | | (2.22 NM RADIUS CW (CFBLF))/2.51 | | | 1100 | | ADDITIONAL FLIGHT DATA: HOLD NW, LT, 124.54 INBOUND. DISTANCE TO THLD FROM 341 HAT: 0.89 NM. ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S ROUTE TYPE: A, H #TCH 94.6 MSL (DO NOT CHART) CHART MINIMUM 4500 AT WADVA CHART MANDATORY 4000 AT HITIR. | | | | | | | |
| WADVA (IAF) (SEE FORM 8260-10) | | RERAE (TF) (FB) (RNP 1.00) | | 074.08 / 4.00 | | | 3500 | | | | | | | | | |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) | | | | | | | | | | MAG VAR: 13E EPOCH YEAR: 2020 | | | | | | |
| 2. PROFILE STARTS AT HINIR | | | | | | | | | | | | | | | | |
| 3. FAC: 125.78 FAF: _____ DIST FAF TO MAP: _____ THLD: _____ | | | | | | | | | | | | | | | | |
| 4. MIN. ALT: HINIR 1100 | | | | | | | | | | | | | | | | |
| 5. DIST TO THLD FROM OM: 3.16 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ | | | | | | | | | | | | | | | | |
| 6. MIN GS INCPT: 1100 GS ALT AT: HINIR 1100 OM: _____ MM: _____ IM: _____ | | | | | | | | | | | | | | | | |
| 7. GS ANGLE: 3.00 TCH: 57.0 # 34:1 IS CLEAR | | | | | | | | | | | | | | | | |
| 8. MSA FROM: RW12L 5700 | | | | | | | | | | | | | | | | |
| MINIMUMS | | | | | | | | | | | | | | | | |
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | | | | | | | ALTERNATE: N A | | STANDARD | | | | | | | |
| CATEGORY ==> | | A | | B | | C | | D | | E | | | | | | |
| | | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| AUTHORIZATION REQUIRED | | | | | | | | | | | | | | | | |
| RNP 0.18 DA | | 385 | 1 1/8 | 341 | 385 | 1 1/8 | 341 | 385 | 1 1/8 | 341 | 385 | 1 1/8 | 341 | | | |
| RNP 0.30 DA | | 451 | 1 3/8 | 407 | 451 | 1 3/8 | 407 | 451 | 1 3/8 | 407 | 451 | 1 3/8 | 407 | | | |
| | | | | | | | | | | | | | | | | |
| NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 0C (32F) OR ABOVE 54C (130F). CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE: RADAR REQUIRED. CHART PLANVIEW NOTE ADJACENT TO WADVA IAF: RF REQUIRED. (CONTINUED ON PAGE 2) | | | | | | | | | | | | | | | | |
| CITY AND STATE SAN JOSE, CA | | ELEVATION: 62 TDZE: 44 AIRPORT NAME: NORMAN Y MINETA SAN JOSE INTL | | | FACILITY IDENTIFIER: RNAV | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 12L, AMDT 2A | | | | | | SUP: AMDT: 2 DATED 08/20/2015 | | | |

| | | | | | |
|--|--|---|--|--|---------------------|
| ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input checked="" type="checkbox"/> NO</div> | | COORDINATES OF FACILITIES | | REQUIRED EFFECTIVE DATE | |
| ROUTINE | | | | | |
| COORDINATED WITH: | | | | | |
| ATA <div><input checked="" type="checkbox"/></div> | | AAT <div><input type="checkbox"/></div> | | ALPA <div><input checked="" type="checkbox"/></div> | |
| APA <div><input checked="" type="checkbox"/></div> | | AOPA <div><input checked="" type="checkbox"/></div> | | NBAA <div><input checked="" type="checkbox"/></div> | |
| OTHER (specify) | | <div><input checked="" type="checkbox"/> KJSC ATCT, AMGR, ZOA, NORCAL APP CON</div> | | | |
| FLIGHT CHECKED BY | | | | | |
| NAME: <div>ANTHONY ERIC BAMSEY</div> | | | | FIFO FIOG | DATE: 05/27/2015 |
| DEVELOPED BY | | | | | |
| NAME: <div><div>Digitally signed by JIMMY S. HUGHES May 04, 2016</div><div>JIMMY S HUGHES</div></div> | | | | FIFO AJV-5432 | DATE: 02/12/2016 |
| APPROVED BY | | | | | |
| NAME: <div>LONNIE EVERHART</div> | | | | FIFO AJV-5432 | DATE: |
| MANAGER | | | | | |
| CHANGES: | | | | | |
| 1. ALL COURSES AND HEADINGS CHANGED +3 DEGREES. | | | | | |
| REASONS: | | | | | |
| 1. AIRPORT MAGVAR UPDATED FROM 16E TO 13E. | | | | | |



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (RNP) - STANDARD,
INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

| FROM | TO | COURSE AND DISTANCE | ALTITUDE |
|-------------|----------------------------|---------------------|----------|
| RERAE (IF) | NIBUY (TF) (FB) (RNP 1.00) | 060.91 / 5.36 | 1800 |
| HINIR (FAF) | RW12L (MAP) (TF) (FO) | 125.78 / 3.16 | |
| RW12L (MAP) | COKOR (TF) (FB) (RNP1.00) | 125.80 / 7.11 | |
| COKOR | GILRO (TF) (FO) (RNP1.00) | 124.43 / 19.23 | 4600 |

NOTES, (CONT.):

CHART PLANVIEW NOTE ADJACENT TO HITIR: RF REQUIRED.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CHART SPEED ICON IN PLANVIEW AT ZORSA: MAX 210 KIAS.

CHART SPEED ICON IN PLANVIEW AT NIBUY: MAX 210 KIAS.

QUALITY
6
CHECKED

CITY AND STATE

SAN JOSE, CA

ELEVATION: 62

TDZE: 44

AIRPORT NAME:

NORMAN Y MINETA SAN JOSE INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (RNP) Z RWY 12L, AMDT 2A

SUP:

AMDT: **2**

DATED: **08/20/2015**

| | | | | | |
|---|--|--|---|--|---|
| ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div> | | COORDINATES OF FACILITIES | | REQUIRED EFFECTIVE DATE | |
| COORDINATED WITH: | | | | | |
| ATA <div><input type="checkbox"/></div> | | AAT <div><input type="checkbox"/></div> | ALPA <div><input type="checkbox"/></div> | APA <div><input type="checkbox"/></div> | AOPA <div><input type="checkbox"/></div> |
| NBAA <div><input type="checkbox"/></div> | | OTHER (specify) <div><input type="checkbox"/></div> <div></div> | | | |
| FLIGHT CHECKED BY | | | | | |
| NAME: | | | | FIFO | DATE: |
| DEVELOPED BY | | | | | |
| NAME: | | | | FIFO | DATE: |
| APPROVED BY | | | | | |
| NAME: | | | | FIFO | DATE: |
| CHANGES: | | | | | |
| REASONS: | | | | | |

| | | | | | | | | | | | | | | |
|--|-----------------------|-------------|-------------|-------|------------------------|------------|------------|-------|------------------------|---------------|----------------|--|---------------------------------------|----------------------------|
| U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33 | | | | | | | | | | | | Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR. | | |
| ARINC SUMMARY - Ksjc | | | | | | | | | | | | | | |
| ROUTES | | | | | | | | | | | | | | |
| TRANSITION | WPT SEQ | WPT NAME | LEG TYPE | FB/FO | RNP | MAG CRS | REC NAV | ANGLE | TURN DIR | CENTER FIX | TURN RADIUS | ALTITUDE DESCRIPTION & VALUE | SPEED LIMIT DESCRIPTION & VALUE | WPT DESCRIPTION CODE |
| ARTAQ | 010 | ARTAQ | IF | FB | | | | | | | | | | E A |
| ARTAQ | 020 | OMSEE | TF | FB | 1.0 | | | | | | | AA 01800 | | E B |
| ARTAQ | 030 | HINIR | TF | FB | 1.0 | | | | | | | AA 01100 | | EE |
| HITIR | 010 | HITIR | IF | FB | | | | | | | | AT 04000 | | E B |
| HITIR | 020 | ZORSA | TF | FB | 1.0 | | | | | | | AA 03000 | AB 210 | E |
| HITIR | 030 | NIBUY | RF | FB | 1.0 | | | | R | CFBLQ | 02.23 | AA 01800 | AB 210 | E |
| HITIR | 040 | HINIR | RF | FB | 1.0 | | | | R | CFBLF | 02.22 | AA 01100 | | EE |
| WADVA | 010 | WADVA | IF | FB | | | | | | | | AA 04500 | | E A |
| WADVA | 020 | RERAE | TF | FB | 1.0 | | | | | | | AA 03500 | | E B |
| WADVA | 030 | NIBUY | TF | FB | 1.0 | | | | | | | AA 01800 | AB 210 | E |
| WADVA | 040 | HINIR | RF | FB | 1.0 | | | | R | CFBLF | 02.22 | AA 01100 | | EE |
| | 020 | HINIR | IF | FB | | | | | | RW12L | | AA 01100 | | E F |
| | 030 | RW12L | TF | FO | 0.3 | | | 3.00 | | | | AT 00095 | | GY M |
| | 040 | COKOR | TF | FB | 1.0 | | | | | | | | | E M |
| | 050 | GILRO | TF | FO | 1.0 | | | | | | | AA 04600 | | EY |
| | 060 | GILRO | HM | FO | | 124.5 | | | L | | | AA 04600 | | EE |
| POINTS | | | | | | | | | | | | | | |
| POINT NAME | LATITUDE | | | | LONGITUDE | | | | | | | | | |
| GILRO | N370246.62 | | | | W1213406.76 | | | | | | | | | |
| ARTAQ | N372748.04 | | | | W1220225.34 | | | | | | | | | |
| CFBLF | N372314.92 | | | | W1220056.48 | | | | | | | | | |
| CFBLQ | N372314.81 | | | | W1220056.44 | | | | | | | | | |
| COKOR | N371658.57 | | | | W1215021.83 | | | | | | | | | |
| HINIR | N372442.95 | | | | W1215850.56 | | | | | | | | | |
| HITIR | N371924.84 | | | | W1220026.61 | | | | | | | | | |
| NIBUY | N372523.30 | | | | W1220142.69 | | | | | | | | | |
| OMSEE | N372622.55 | | | | W1220039.98 | | | | | | | | | |
| RERAE | N372354.18 | | | | W1220810.83 | | | | | | | | | |
| WADVA | N372342.04 | | | | W1221311.62 | | | | | | | | | |
| ZORSA | N372146.66 | | | | W1220302.38 | | | | | | | | | |
| RUNWAYS | | | | | | | | | | | | | | |
| RUNWAY | THRESHOLD LATITUDE | | | | THRESHOLD LONGITUDE | | | | THRESHOLD ELEVATION | | | PROCEDURE TCH | | |

QUALITY
15
CHECKED

| | | | | |
|---------------------------------------|---|--|--|--|
| CITY AND STATE SAN JOSE, CA | ELEVATION: 62 TDZE: 44 AIRPORT NAME: NORMAN Y MINETA SAN JOSE INTL | FACILITY IDENTIFIER: RNAV | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 12L, AMDT 2A | SUP: <hr/> AMDT: 2 <hr/> DATED: 08/20/2015 |
|---------------------------------------|---|--|--|--|

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|---|--|---------------------------|--|-------------------------|-------|
| ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO | | COORDINATES OF FACILITIES | | REQUIRED EFFECTIVE DATE | |
| COORDINATED WITH: <div>ATA<input type="checkbox"/> AAT<input type="checkbox"/> ALPA<input type="checkbox"/> APA<input type="checkbox"/> AOPA<input type="checkbox"/> NBAA<input type="checkbox"/> OTHER (specify) <input type="checkbox"/> _____</div> | | | | | |
| FLIGHT CHECKED BY | | | | | |
| NAME: | | | | FIFO | DATE: |
| DEVELOPED BY | | | | | |
| NAME: | | | | NFPG | DATE: |
| APPROVED BY | | | | | |
| NAME: | | | | NFPG | DATE: |
| CHANGES: | | | | | |
| REASONS: | | | | | |

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|-------|------------|-------------|-------|------|
| RW12L | N372220.25 | W1215613.97 | 00038 | 57.0 |
|-------|------------|-------------|-------|------|



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|--------------------------------|--|----------|----------------------------------|---|------|
| CITY AND STATE SAN JOSE, CA | ELEVATION: 62 | TDZE: 44 | FACILITY IDENTIFIER: RNAV | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 12L, AMDT 2A | SUP: |
| | AIRPORT NAME: NORMAN Y MINETA SAN JOSE INTL | AMDT: 2 | | | |
| | DATED: 08/20/2015 | | | | |

| | | | | | |
|---|--|---------------------------|--|-------------------------|-------|
| ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO | | COORDINATES OF FACILITIES | | REQUIRED EFFECTIVE DATE | |
| COORDINATED WITH: <div>ATA<input type="checkbox"/> AAT<input type="checkbox"/> ALPA<input type="checkbox"/> APA<input type="checkbox"/> AOPA<input type="checkbox"/> NBAA<input type="checkbox"/> OTHER (specify) <input type="checkbox"/> _____</div> | | | | | |
| FLIGHT CHECKED BY | | | | | |
| NAME: | | | | FIFO | DATE: |
| DEVELOPED BY | | | | | |
| NAME: | | | | NFPG | DATE: |
| APPROVED BY | | | | | |
| NAME: | | | | NFPG | DATE: |
| CHANGES: | | | | | |
| REASONS: | | | | | |

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

| 1. APP SEGMENT | FROM | TO | OBSTRUCTION | COORDINATES | ELEV. MSL | ROC | ALT. ADJUSTMENTS | MIN. ALT. | |
|------------------------------------|--|----------------|------------------------|------------------------|-------------------------------|-------------|------------------|-----------------|-------|
| INITIAL: RNP 1.00 | ARTAQ | OMSEE | 1. AAO | 372533.00N/1215957.00W | 200 | 1000 | AC102 AT498 | 1800 | |
| | | | 2. TERRAIN | 372700.00N/1215957.00W | 0 (0) | | AS1500 | 1500 | |
| INTERMEDIATE: RNP 1.00 | OMSEE | HINIR | 3. STADIUM (06-029232) | 372407.00N/1215809.00W | 223 (5E) | 500 | AC125 | 900 | |
| | | | 4. TERRAIN | 372315.00N/1220036.00W | 66 (100) | | AS1000 | 1100 | |
| INTERMEDIATE: RNP 1.00 | HITIR | ZORSA | 5. AAO | 372003.00N/1220430.00W | 601 | 500 | AC66 AT1833 | 3000 | |
| | | | 6. TERRAIN | 372003.00N/1220430.00W | 401 (400) | | AS1500 | 1900 | |
| INTERMEDIATE: STEPDOWN RNP 1.00 | ZORSA | NIBUY | 7. AAO | 372006.00N/1220430.00W | 588 | 500 | AC66 | 1200 | |
| | | | 8. TERRAIN | 372042.00N/1220509.00W | 292 (300) | | AS1500 | 1800 | |
| INTERMEDIATE: STEPDOWN RNP 1.00 | NIBUY | HINIR | 3. STADIUM (06-029232) | 372407.00N/1215809.00W | 223 (5E) | 500 | AC125 AT252 | 1100 | |
| | | | 9. TERRAIN | 372524.00N/1215824.00W | 7 (0) | | AS1000 | 1000 | |
| INITIAL: RNP 1.00 | WADVA | RERAE | 10. AAO | 372200.00N/1221421.00W | 1687 | 1000 | AT747 AC66 | 3500 | |
| | | | 11. TERRAIN | 372200.00N/1221024.00W | 988 (1000) | | AS1500 | 2500 | |
| INTERMEDIATE: RNP 1.00 | RERAE | NIBUY | 12. AAO | 372151.00N/1220903.00W | 909 | 500 | AC66 AT325 | 1800 | |
| | | | 13. TERRAIN | 372200.00N/1220730.00W | 401 (400) | | AS1000 | 1400 | |
| FINAL: RNP 0.30 | HINIR | RW12L | 14. POLE (KSJCT0347) | 372247.61N/1215717.37W | 152 (1A) | 20.25:1 | MA43 AC3 | 451/407 | |
| 2. PROCEDURE TURN | NA | | | | | | | | |
| 3. MISSED APPROACH | MAP: DA / DA | GILRO | | | | | | | |
| | ELEV: 131/149 | | | | | | | | |
| 4. CIRCLING AREA | DISTANCE | HT. ABV. ARPT. | | | | | | | |
| CATEGORY A | 1.3 NM | REQUIRED | 350 | ACTUAL | | | | | |
| CATEGORY B | 1.5 NM | | 450 | | | | | | |
| CATEGORY C | 1.7 NM | | 450 | | | | | | |
| CATEGORY D | 2.3 NM | | 550 | | | | | | |
| CATEGORY E | 4.5 NM | | 550 | | | | | | |
| 5. MINIMUM SAFE ALTITUDES | PRIMARY NAVAID: RW12L | | | | | | | | |
| SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A | SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A |
| 360-360 | AAO | 083/14.9 | 4521 (4E) | 5700 | | | | | |
| CITY AND STATE | ELEVATION: 62 | | FACILITY | | PROCEDURE AND AMENDMENT NO: | | REGION | | |
| SAN JOSE, CA | AIRPORT NAME: NORMAN Y MINETA SAN JOSE INTL | | RNAV | | RNAV (RNP) Z RWY 12L, AMDT 2A | | AWP | | |

QUALITY
6

CHECKED

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|---|--------------------|-------|-------|--------------------------|----------------|---|--|--------------------------------|--|--|--|--|--|---------------------|--|-------------------------|--|----------------|--|--|--|--|---------------|--|--|--|--|
| PART B - SUPPLEMENTAL DATA | | | | | | | | | | PART C - REMARKS: VDP NOT ESTABLISHED - RNP PROCEDURE. PRECIPITOUS TERRAIN EVALUATION COMPLETED. NO ADDITIONAL AIRSPACE REQUIRED. MAX SPEED NIBUY TO HINIR- 210 KIAS. 30 FT VEGETATION USED PER FPT CHECKLIST. VGSI DATA: 3.00/70 BACKUP ALTIMETER NOT PUBLISHED; RNP PROCEDURE. IPDS USED FOR PROCEDURE DEVELOPMENT: DTED ACCURACY FOR OBS 1, 5, AND MSA - 85 FT HORIZONTAL/102 FT VERTICAL DTED ACCURCAY FOR OBS 7, 9, 12, 14 - 148 FT HORIZONTAL/66 FT VERTICAL. AVERAGE COLD TEMPERATURE BASED ON 5 YEAR HISTORY: (2010-2014): ACT 0C CRITICAL LOW TEMPERATURES CRITICAL LOW: 0C (32F). CRITICAL HIGH: 54C (130F). ACT: 0C. AIRPORT ISA: 14.87C. DELTA ISA LOW: -14.88C. CRITICAL LOW TEMP BASED ON ACT DESCENT RATE: STANDARD TEMP 954, HIGH TEMP 1114 TEMPERATURE LIMITS, DELTA ISA LOW, AND DESCENT VALUES DERIVED FROM AFS-400 CALCULATOR. RF TURN RADIUS COMPUTATIONS: SEGMENT ALT KIAS KTAS HAA VKTW TR BA ZORSA-NIBUY 3000 210 225.3 2938 33.2 2.23 23.63 NIBUY-HINIR 1800 210 221.3 1738 29.3 2.22 22.36 MITRE 99 PERCENTILE HISTORICAL WIND DATA USED. TF SEGMENT ALT KIAS KTAS HAA VKTW TR BA RERAE 3500 250 270.2 3438 55 4.74 18 RNP 0.30: OCS SLOPE: 20.25:1 OCS ORIGIN: 3445 FT. RNP 0.18: OCS SLOPE: 20.27:1 OCS ORIGIN: 2556 FT. THLD DISPLACED 1307 FT. 210 KIAS MAX USED IN ALL INTERMEDIATE SEGMENTS PER FPT/LEAD CARRIER REQUEST. | | | | | | | | | | | | | | | | | | | | | |
| 1. COMMUNICATIONS WITH: | | | | | 2. WEATHER SERVICE | | | | | | | | | | | | | | | 3. ALTIMETER SETTING | | | | | | | | | | | |
| NORCAL APP CON SJC TOWER | | | | | | | N W S | | OTHER: ASOS | | | | | | | | | | | SOURCE:KSJC | | | | | | | | | | | |
| | | | | | | | F A A | | | | | | | | | | | | | DISTANCE: | | | | | | | | | | | |
| | | | | | | | A / C | | | | | | | | | | | | | HOURS REMOTE OPERATION: | | | | | | | | | | | |
| SATISFACTORY ON: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | | V H F | | X | | U H F | | | | | | | | | | | | | | H F | | LOCATION: KSJC | | | | | ADJUSTMENT: 0 | | | | |
| 4. MONITOR STATUS | | PRIMARY NAVAID: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | MONITOR POINT: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | HRS OPTN: | | CAT 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | CAT 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. APPROACH & RUNWAY LIGHTING | | | | ALS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | (S) SALS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | X | | MALSR 12R (PCL), 30L (PCL) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | X | | HIRL 12L (PCL), 12R (PCL), 30L (PCL), 30R (PCL) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | MIRL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | REIL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | TDZ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | X | | C/L 12L, 12R, 30L, 30R | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X | | OTHER (SPECIFY) PAPI-4L 30L, 30R PAPI-4R 12L, 12R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. RUNWAY MARKINGS | | | | BASIC | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | ALL WEATHER | | | | PIR-G 12L, 12R, 30L, 30R | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | INSTRUMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. RUNWAY VISUAL RANGE | | | | APPROACH | | | | 30L | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | MIDFIELD | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | ROLL OUT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. GLIDE PATH | | | | GP ANGLE: 3.00 | | | | | | | | ELEV RWY THRESHOLD:37.6 | | | | | | | | | | | | | | | | | | | |
| | | | | DISTANCE FROM RWY: | | | | | | | | ELEV GP ANTENNA: | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | THRESHOLD CROSSING HEIGHT:57.0 | | | | | | | | | | | | | | | | | | | |
| 9. FINAL APPROACH COURSE AIMING | | | | | | X | | RUNWAY THRESHOLD | | | | | | | | | | FT. FROM THRESHOLD | | | | | | | | | | | | | |
| | | | | | | X | | ON CENTERLINE | | | | | | | | | | FT. FROM CENTERLINE | | | | | | | | | | | | | |
| 10. WAIVERS: NONE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PART D - PREPARED BY: JIMMY S. HUGHES | | | | | | | | | | DATE: 02/12/2016 | | | | | | | | | | | | | | | | | | | | | |
| TITLE: AERONAUTICAL INFORMATION SPECIALIST | | | | | | | | | | OFFICE: AJV-5432 | | | | | | | | | | | | | | | | | | | | | |



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

| 1. APP SEGMENT | | FROM | TO | OBSTRUCTION | COORDINATES | ELEV. MSL | ROC | ALT. ADJUSTMENTS | MIN. ALT. |
|--------------------------------------|-------------|--|-------------------------------|---|--|-----------------------|-------------|------------------|--------------|
| FINAL: RNP 0.18 | | HINIR | RW12L | 15. T-L TWR (06-022339) | 372252.85N/1215620.24W | 149 (1A) | 20.27:1 | MA27 AC3 | 385/341 |
| MISSED APPROACH (RNP 0.30 - 1.00) | | DA | RW12L 40:1 | 14. POLE (KSJCT0347) | 372247.61N/1215717.37W | 152 (1A) | ASC | AC3 | |
| MISSED APPROACH (RNP 0.18 - 1.00) | | DA | RW12L 40:1 | 18. POLE (KSJCT0344) | 372238.39N/1215705.38W | 135 (1A) | ASC | AC3 | |
| MISSED APPROACH (RNP 0.30 - 1.00) | | RW12L | COKOR 40:1 | | | | ASC | | |
| MISSED APPROACH (RNP 0.18 - 1.00) | | RW12L | COKOR 40:1 | | | | ASC | | |
| MISSED APPROACH (RNP 1.00) | | COKOR | GILRO 40:1 | | | | ASC | | |
| MISSED APPROACH (RNP 1.00) | | DA / DA | GILRO (40:1) LEVEL SURFACE | 14. POLE (KSJCT0347) 16. TOWER (06-002251) | 372247.61N/1215717.37W 371232.08N/1214631.03W | 152 (1A) 1435 (2C) | ASC 1000 | AC3 AC20 | 4600 2500 |
| ELEV: 156/138 | | | | 19. TERRAIN | 370715.00N/1214024.00W | 1208 (1200) | | AS1500 | 2700 |
| 3. MISSED APPROACH | | MAP: | | | | | | | |
| | | ELEV: | | | | | | | |
| 4. CIRCLING AREA | | DISTANCE | HT. ABV. ARPT. | | | | | | |
| CATEGORY A | 1.3 NM | REQUIRED | 350 | ACTUAL | | | | | |
| CATEGORY B | 1.5 NM | | 450 | | | | | | |
| CATEGORY C | 1.7 NM | | 450 | | | | | | |
| CATEGORY D | 2.3 NM | | 550 | | | | | | |
| CATEGORY E | 4.5 NM | | 550 | | | | | | |
| 5. ALTITUDES | | PRIMARY NAVAID: | | | | | | | |
| SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A | SECTOR | OBSTRUCTION | BRG/DIST | ELEVATION (MSL) | M S A |
| | | | | | | | | | |
| CITY AND STATE | | ELEVATION: 62 | | FACILITY | PROCEDURE AND AMENDMENT NO: | | | REGION | |
| SAN JOSE, CA | | AIRPORT NAME: NORMAN Y MINETA SAN JOSE INTL | | RNAV | RNAV (RNP) Z RWY 12L, AMDT 2 | | | AWP | |

QUALITY
6

CHECKED

| | | | | | | | | | | | |
|--|-------|--------------------|----------|--------------------|-------|----------------------------|----------------------|-------------------------|---------------------|-------------------|--|
| PART B - SUPPLEMENTAL DATA | | | | | | | | | | PART C - REMARKS: | |
| 1. COMMUNICATIONS WITH: | | | | 2. WEATHER SERVICE | | | 3. ALTIMETER SETTING | | | | |
| SATISFACTORY ON: | | | | | N W S | OTHER: | | SOURCE: | | | |
| | | | | | F A A | | | DISTANCE: | | | |
| | | | | | A / C | | | HOURS REMOTE OPERATION: | | | |
| | V H F | | U H F | | H F | LOCATION: | | | ADJUSTMENT: | | |
| 4. MONITOR STATUS | | PRIMARY NAVAID: | | | | | | | | | |
| | | MONITOR POINT: | | | | | | | | | |
| | | HRS | CAT 1 | | | | | | | | |
| | | OPTN: | CAT 3 | | | | | | | | |
| 5. APPROACH & RUNWAY LIGHTING | | | ALS | | | | | | | | |
| | | | (S) SALS | | | | | | | | |
| | | | MALS | | | | | | | | |
| | | | HIRL | | | | | | | | |
| | | | MIRL | | | | | | | | |
| | | | REIL | | | | | | | | |
| | | | TDZ | | | | | | | | |
| | | | C/LINE | | | | | | | | |
| 6. RUNWAY MARKINGS | | BASIC | | | | | | | | | |
| | | ALL WEATHER | | | | | | | | | |
| | | INSTRUMENT | | | | | | | | | |
| 7. RUNWAY VISUAL RANGE | | APPROACH | | | | | | | | | |
| | | MIDFIELD | | | | | | | | | |
| | | ROLL OUT | | | | | | | | | |
| 8. GLIDE PATH | | GP ANGLE: | | | | ELEV RWY THRESHOLD: | | | | | |
| | | DISTANCE FROM RWY: | | | | ELEV GP ANTENNA: | | | | | |
| | | | | | | THRESHOLD CROSSING HEIGHT: | | | | | |
| 9. FINAL APPROACH COURSE AIMING | | | | RUNWAY THRESHOLD | | | | | FT. FROM THRESHOLD | | |
| | | | | ON CENTERLINE | | | | | FT. FROM CENTERLINE | | |
| 10. WAIVERS: | | | | | | | | | | | |
| PART D - PREPARED BY: | | | | | | | | | | DATE: | |
| TITLE: | | | | | | | | | | OFFICE: | |