

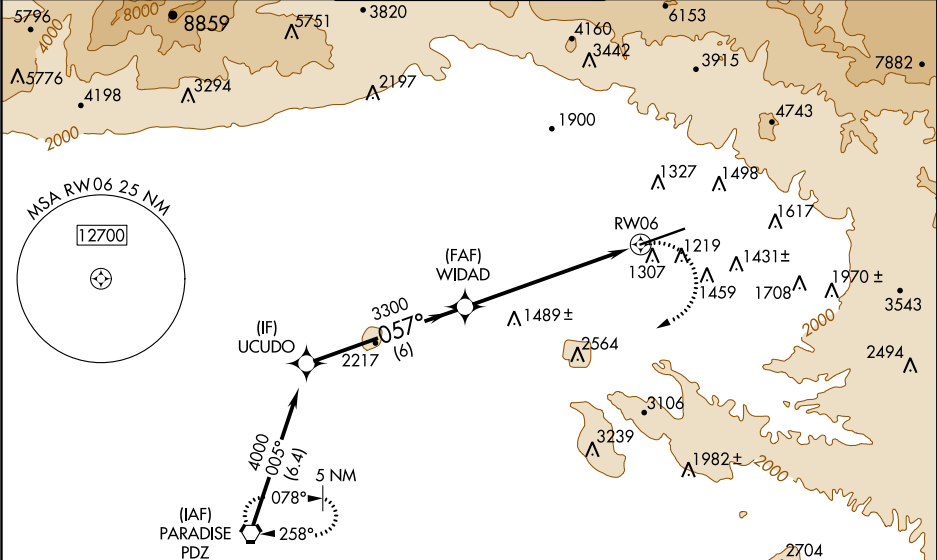
Flight Procedure Tracking Form		Action: FLIGHT CHECK	Task Type: IAP	Date Open: 08/22/2017	Task #: 2014110614252901004	Request #: 20141106142529
Procedure: APPROACH RNAV (GPS) Y RWY 6 AMDT 1			Airport ID: KSBD	Airport: SAN BERNARDINO INTL		Reimbursable #: NO
City: SAN BERNARDINO	ST: CA	GPS #:	Estimated Chart Date: 05/24/2018		FICO #:	
Fac ID: N/A		Fac. Type:			Specialist: ROBERT GRIM	
Procedure Review						
	Rec'd	Rel'd	Full Name	Comments		
Lead:	09/14/2017			<div style="border: 1px solid black; padding: 5px; display: inline-block;"> APPROVED <small>By Steven M Barnett at 12:36 pm, Mar 22, 2018</small> </div> <div style="text-align: right; margin-top: -40px;"> QUALITY 23 CHECKED </div>		
QA:						
Liaison:						
Procedure Comments: ENROUTE-NON Remark Type: INFORMATION WAIVER: 8260-1 CONTACT INFO: DON LANIER MANAGER AJV-5431, 405.954.8242						

APP CRS	Rwy Idg	10000
057°	TDZE	1091
	Apt Elev	1159

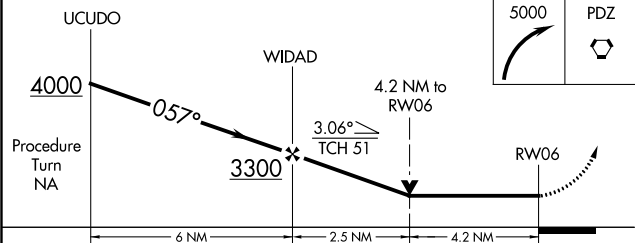
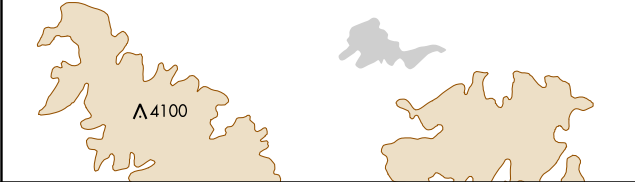
RNAV (GPS) Y RWY 6
SAN BERNARDINO INTL (SBD)

NA	Circling NA north of Rwy 6 and 24. DME/DME RNP -0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, procedure NA.	MISSED APPROACH: Climbing right turn to 5000 direct PDZ VORTAC and hold.
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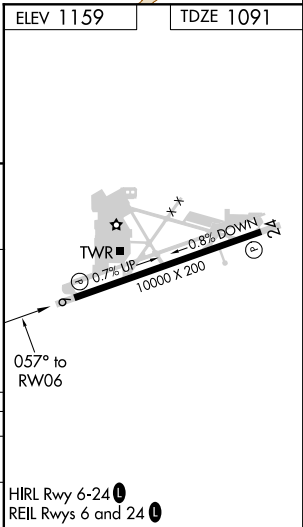
ATIS 124.175	SOCAL APP CON 127.0 318.2	SAN BERNARDINO TOWER ★ 119.45 (CTAF) 0	GND CON 121.8	UNICOM 122.975
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Procedure NA for arrivals on PDZ VORTAC
airway radials 012 CW 030.



CATEGORY	A	B	C	D
LNAV MDA	2480-1¼ 1389 (1400-1¼)	2480-1½ 1389 (1400-1½)	2480-3	1389 (1400-3)
CIRCLING	2480-1¼ 1321 (1400-1¼)	2480-1½ 1321 (1400-1½)	2480-3	1321 (1400-3)

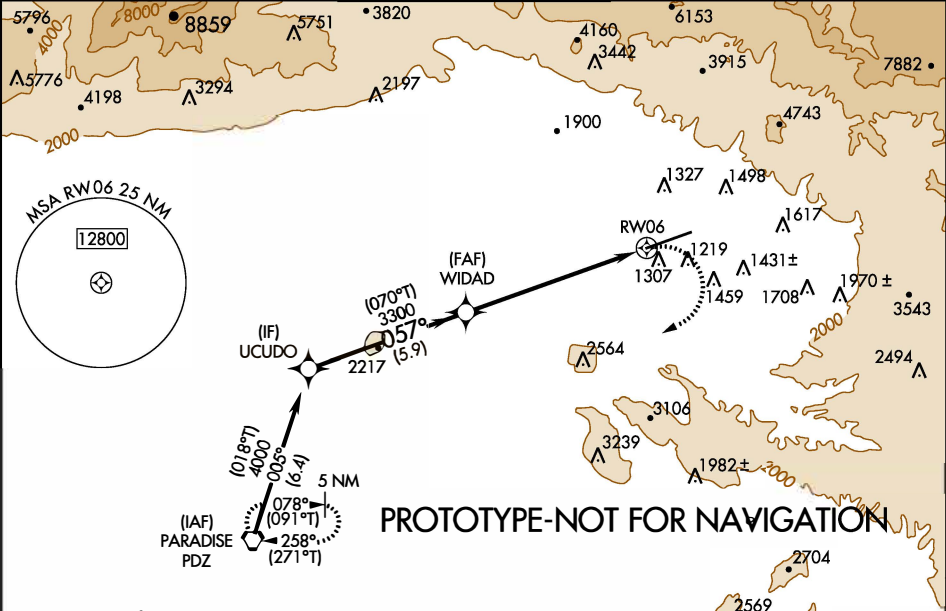


APP CRS	Rwy Idg	10000
057°	TDZE	1103
	Apt Elev	1159

RNAV (GPS) Y RWY 6
SAN BERNARDINO INTL (SBD)

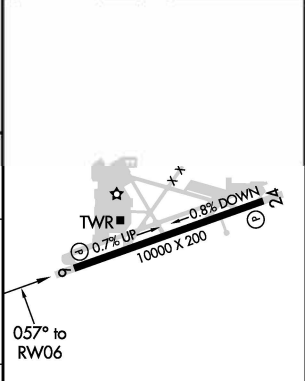
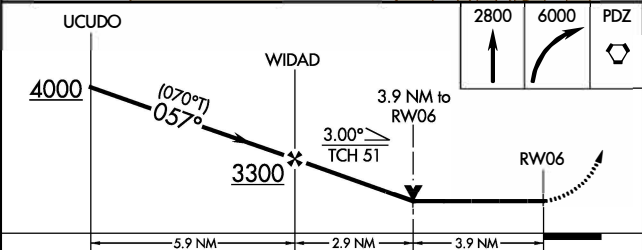
NA	DME/DME RNP -0.3 NA. When local altimeter setting not received, use Ontario Intl altimeter setting and increase all MDA 80 feet. Circling NA northwest of RW 06-24.	MISSED APPROACH: Climb to 2800 then climbing right turn to 6000 direct PDZ VORTAC and hold, continue climb-in-hold to 6000.
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ATIS 124.175	SOCAL APP CON 127.0 318.2	SAN BERNARDINO TOWER★ 119.45 (CTAF) 0	GND CON 121.8	UNICOM 122.975
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Procedure NA for arrival on PDZ VORTAC
airway radials 278 CW 078.

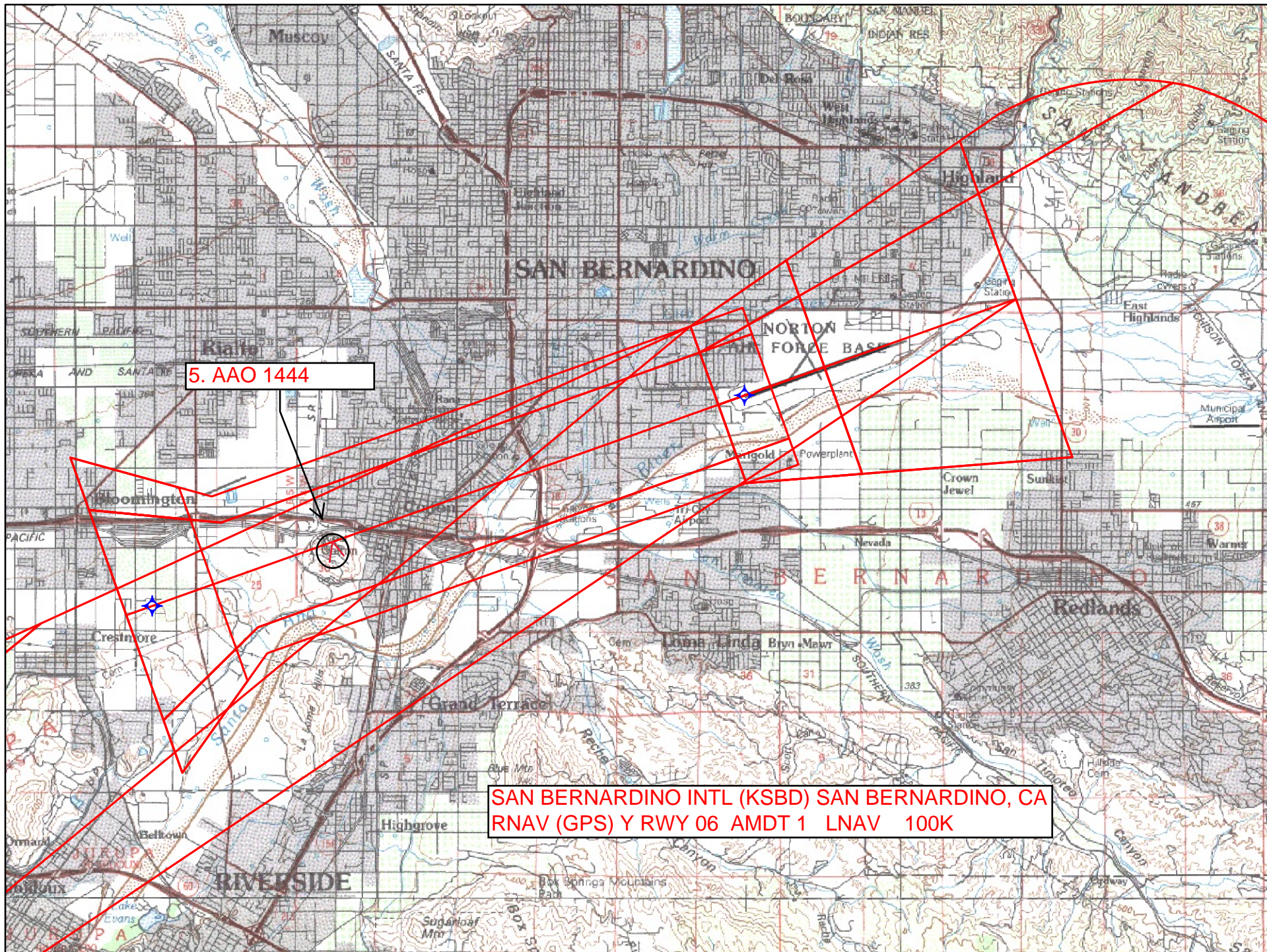
ELEV 1159	TDZE 1103
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CATEGORY	A	B	C	D
LNVA MDA	2460-1¼ 1357 (1400-1¼)	2460-1½ 1357 (1400-1½)	2460-3 1357 (1400-3)	
CIRCLING	2460-1¼ 1301 (1300-1¼)	2460-1½ 1301 (1300-1½)	2460-3 1301 (1300-1)	2640-3 1481 (1500-1)

HIRL Rwy 6-24 0
REIL Rwy 6 and 24 0

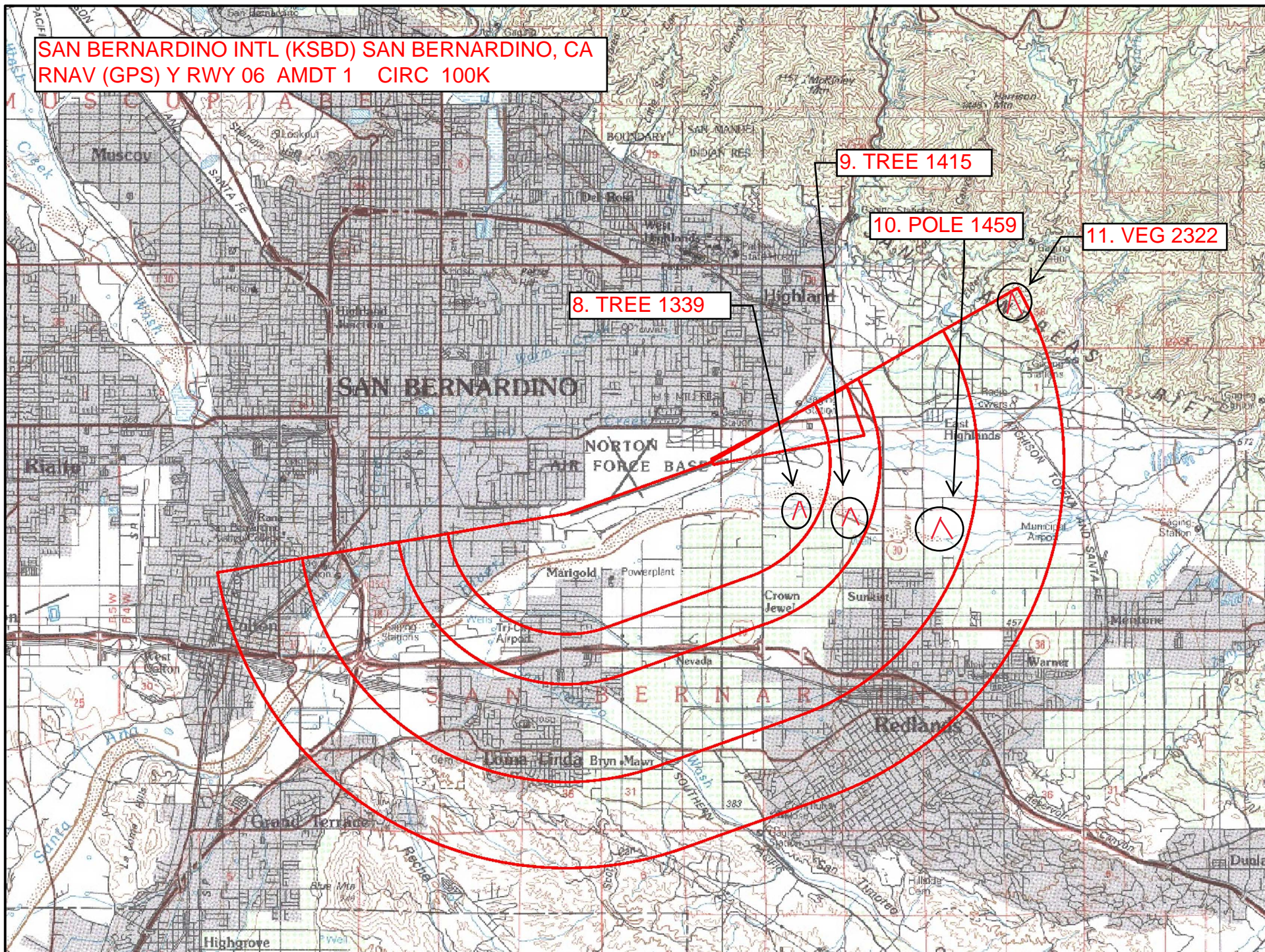




5. AAO 1444

SAN BERNARDINO INTL (KSBD) SAN BERNARDINO, CA
RNAV (GPS) Y RWY 06 AMDT 1 LNAV 100K

SAN BERNARDINO INTL (KSBD) SAN BERNARDINO, CA
RNAV (GPS) Y RWY 06 AMDT 1 CIRC 100K



TERMINAL AIRSPACE DATA REQUIREMENTS

City: SAN BERNARDINO Airport Name: SAN BERNARDINO INTL Procedure: RNAV (GPS) Y RWY 6 Docket #:	State: CA ID: KSBD Amendment: AMDT 1																																																												
ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.																																																													
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">1.</td> <td style="width: 30%;">Distance from</td> <td style="width: 15%;">THLD</td> <td style="width: 30%;">to 1000' point</td> <td style="width: 15%; text-align: right;">3.29</td> </tr> <tr> <td>2.</td> <td>Width of</td> <td>FINAL</td> <td>segment at 1000' point</td> <td style="text-align: right;">1.20</td> </tr> <tr> <td>3.</td> <td>True Course of</td> <td>FINAL</td> <td>segment containing 1000' point</td> <td style="text-align: right;">70.36</td> </tr> <tr> <td>4.</td> <td>High Terrain in</td> <td>FINAL</td> <td>segment containing 1000' point</td> <td style="text-align: right;">1244</td> </tr> <tr> <td>5.</td> <td>Distance from</td> <td>THLD</td> <td>to 1500' point</td> <td style="text-align: right;">5.60</td> </tr> <tr> <td>6.</td> <td>Width of</td> <td>INTERMEDIATE</td> <td>segment at 1500' point</td> <td style="text-align: right;">1.20</td> </tr> <tr> <td>7.</td> <td>True Course of</td> <td>INTERMEDIATE</td> <td>segment containing 1500' point</td> <td style="text-align: right;">70.36</td> </tr> <tr> <td>8.</td> <td>High Terrain in</td> <td>INTERMEDIATE</td> <td>segment containing 1500' point</td> <td style="text-align: right;">2287</td> </tr> <tr> <td>9.</td> <td colspan="2">Threshold Coordinates (if straight-in)</td> <td style="text-align: center;">34 05 26.72 N / 117 15 01.57 W</td> <td></td> </tr> <tr> <td>10.</td> <td colspan="2">ARP Coordinates</td> <td style="text-align: center;">34 05 43.30 N / 117 14 05.60 W</td> <td></td> </tr> <tr> <td>11.</td> <td colspan="4">Runway Approach End and distance furthest from ARP: Runway 06 Distance 0.82 NM</td> </tr> <tr> <td>12.</td> <td colspan="2">FAF Coordinates</td> <td style="text-align: center;">34 03 09.61 N / 117 22 44.10 W</td> <td></td> </tr> </table>		1.	Distance from	THLD	to 1000' point	3.29	2.	Width of	FINAL	segment at 1000' point	1.20	3.	True Course of	FINAL	segment containing 1000' point	70.36	4.	High Terrain in	FINAL	segment containing 1000' point	1244	5.	Distance from	THLD	to 1500' point	5.60	6.	Width of	INTERMEDIATE	segment at 1500' point	1.20	7.	True Course of	INTERMEDIATE	segment containing 1500' point	70.36	8.	High Terrain in	INTERMEDIATE	segment containing 1500' point	2287	9.	Threshold Coordinates (if straight-in)		34 05 26.72 N / 117 15 01.57 W		10.	ARP Coordinates		34 05 43.30 N / 117 14 05.60 W		11.	Runway Approach End and distance furthest from ARP: Runway 06 Distance 0.82 NM				12.	FAF Coordinates		34 03 09.61 N / 117 22 44.10 W	
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Remarks:																																																													

1. FLIGHT PROCEDURE IDENTIFICATION:

San Bernardino, CA (SBD)
San Bernardino Intl
RNAV (GPS) Y RWY 6

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

FAAO 8260.19H 8-6-6 F (2)

Missed Approach Climb Gradient (LPV). In addition to the lower minima that require the use of the climb gradient greater than the minimum standard, minima will be published to support the minimum standard climb gradient for the same type of minima.

3. REASON FOR WAIVER (JUSTIFICATION FOR NONSTANDARD TREATMENT):

Request that LPV minimums not be published. The required DA adjustments would place the DA before the FAF.

4. EQUIVALENT LEVEL OF SAFETY PROVIDED:

1. LNAV (with standard climb gradient) and LNAV (with non-standard climb gradient) will be published.
2. Chart Note: Missed approach requires minimum climb of 340 ft per NM to 4000. (LNAV with non-standard climb gradient)
3. All aircraft capable of flying the LPV are equipped to fly LNAV minima. Procedure will be annotated "If unable to meet climb gradient, see RNAV (GPS) Y RWY 06."

5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

1. Designing different missed approach - Missed approach is limited in direction of turn and climb gradient by terrain. The proposed design provides local operators a missed approach they can use.
2. Publish LPV OR LNAV/VNAV. These procedures cannot be published due to excessively high DA and missed approach climb gradient requirements.

6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):

AJV-5430

7. SUBMITTED BY:

DATE	OFFICE IDENTIFICATION	TITLE	SIGNATURE
	AJV-5400	Manager, Instrument Flight Procedures Group	Steve Szukala

8. AFS ACTIONS:

☐ APPROVED ☐ DISAPPROVED ☐ NOT REQUIRED

COMMENTS:

DATE	ROUTING SYMBOL	SIGNATURE
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