

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: SID	Estimated Chart Date: 12/24/2026	APWS Task ID: 927B0EDDBA8D4BCA9F3F28ADF7260BD1	APWS Project ID: 8A9A4B94BD4648CD9CC8797E7D5BE401
Procedure: SID CWARD THREE (RNAV)		Enroute: YES	Specialist: Bruno, John		Agreement Number:
Airport ID: KSAN			Airport City: SAN DIEGO		State: CA
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
Procedure Comments: CWARD - Top Altitude changed from As Assigned by ATC to Jets 10,000 and Turboprops 8,000 / Updated forms to current criteria and added MSA and MOCAS to Transitions. CONTACT APRIL SARMENTO 405-954-0337. QUALITY 9 CHECKED BEGUE QUALITY 42 CHECKED					

FIPC DME/DME FORM							
PROCEDURE: CWARD THREE DEPARTURE (RNAV)			AIRPORT NAME: SAN DIEGO INTL		AIRPORT ID: KSAN	SPECIAL CONTROL NO: SG-09-043-26	
FAC ID: CWARD3		CITY: SAN DIEGO			ST: CA	ORIG CHART DATE: 12/24/2026	
DFL TYPE: PROC/D	THIRD PARTY: ☐ YES	EST. TIME ON SITE: 1.0	REIMB. NUMBER:		PTS TASK ID: 927B0EDDBA8D4BCA9F3F28ADF7260BD1		
PREFLIGHT NOTES							
REVIEWER:					DATE:		
COMMENTS:					CHECK ONE:		
					☐ FLT CK REQ ☐ NFCR ☐ REJECT		
							YES
					CPV COMPLETE?		X
PROCEDURE RESULTS							
INSPECTION DATE: 09/24/2026		CREW #: VN569	N #:	INSTRUMENT PROCEDURE STATUS: ☒ SAT ☐ SAT W/CHANGES ☐ UNSAT		ARINC CODING: ☐ SAT ☐ SAT/GOLD ☐ UNSAT	
FLIGHT INSPECTOR SIGNATURE: wendi s gima @ 09/24/2026 11:36			PRINTED NAME: GIMA, WENDI SUEMI			NOTAM INITIATED? ☐ YES ☒ NO	
FLIGHT INSPECTOR REMARKS: CWARD THREE DEPARTURE, SAN DIEGO INTL, SAN DIEGO, CA--SAT. Changes: added MOCAs to all transitions, minor wording changes in description without change in procedure. All MOCAs above MVAs, no flight inspection required.							
DME/DME STATUS: ☐ SAT ☐ UNSAT		SPECIALIST SIGNATURE:			PRINTED NAME:		
SPECIALIST REMARKS:							
IN-FLIGHT OBSTACLE REPORT							
OBSTRUCTION ID #:	COORDINATES OR LOCATION:		GNSS ALTITUDE (MSL):		BAROMETRIC ALTITUDE (MSL):		HEIGHT ABOVE GROUND LEVEL:

(CWARD2.CWARD) 18004

CWARD TWO DEPARTURE (RNAV)

AL-373 (FAA)

SAN DIEGO INTL (SAN)
SAN DIEGO, CALIFORNIA

LOS ANGELES
LAX

**TOP ALTITUDE:
AS ASSIGNED BY ATC**

OLD

D-ATIS
134.8
CLNC DEL
125.9
CPDLC
GND CON
123.9
LINDBERGH TOWER
118.3 338.225
SOCAL DEP CON
119.6 363.1

SEAL BEACH
SLI

8000
332°
(110)

MADOW

8000
332°
(115)

CWARD
12000

337°
(121)

PADRZ

308°
(110)

GYWNN
6000

296°
(26)

WNFLD

520

275°

NOTE: RADAR required.

NOTE: RNAV 1.

NOTE: GPS or DME/DME/IRU required.

NOTE: Turbojet and turboprop only.

NOTE: Tower En Route control only.

TAKEOFF MINIMUMS

Rwy 9: NA-ATC.

Rwy 27: 400-2½ or standard with minimum
climb of 500' per NM to 3000.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 27: Climb heading 275° to 520, then right turn direct WNFLD, then on track 296° to cross GYWNN at or above 6000, then on track 308° to PADRZ, then on track 337° to cross CWARD at or below 12000, thence. . . .

. . . .on transition. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

LOS ANGELES TRANSITION (CWARD2.LAX)

SEAL BEACH TRANSITION (CWARD2.SLI)

CWARD TWO DEPARTURE (RNAV)

(CWARD2.CWARD) 07DEC17

SAN DIEGO, CALIFORNIA
SAN DIEGO INTL (SAN)

SW-3, 14 MAY 2026 to 11 JUN 2026

SW-3, 14 MAY 2026 to 11 JUN 2026

INFORMATION ONLY



Federal Aviation Administration

Memorandum

Date: JAN 19 2010

To: Manager, National Flight Procedures Group, AJW-32

From: *[Signature]* Manager, Flight Technologies and Procedures Division, AFS-400 *[Signature]*

Prepared by: Flight Procedure Implementation & Oversight Branch, AFS-460

Subject: Approval Request; AJW-327 Memorandum Dated 06/26/2008

Your request to utilize a climb gradient(s) more than 500 feet/NM on the "TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP), AMDT 4" at Brown Field Muni, San Diego, CA was discussed at Flight Standards' Procedure Review Board (PRB) and is approved.

Please direct all inquiries to Danny E. Hamilton, AFS-460, at (405) 954-9359.

Attachments

cc:

AWP-200/AJW-327

AFS-400/410/420/440/460

DEC 11 REC'D



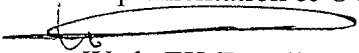
Federal Aviation Administration

Memorandum

DEC 11 2009 .

Date:

To: Leslie H. Smith , Acting Manager, Flight Technologies and
Procedures Division
THRU: Lawrence Patterson, Acting Manager, Flight Procedure
Implementation & Oversight Branch

From:  Wade EK Terrell, Lead, Production Integration Coordination Sub Team,
AJW-3741

Reply To Attn Of: Wade EK Terrell:
(405) 954-7370
FAX (405) 954-1301

Subject: **ACTION:** Approval Request

Rwy 8L Departure Procedure, Amdt 4, Brown Field Muni, San Diego, CA (KSDM).

Climb gradient exceeds 500 feet per NM, 8260.46C, Para. 10e(2).

The computed climb gradient is 570 feet per NM to an altitude 2,573.7 feet above airport elevation. The obstacle driving this climb gradient is 2427 MSL AAO (200' assumed obstruction).

Request approval to publish a minimum climb gradient of 570 feet per NM to 3100 to allow 40:1 obstacle penetrations to be avoided.

Adverse assumed obstructions were applied on terrain making it impossible to design a departure procedure to avoid all possible penetrations associated with high terrain east of Brown Field Muni Airport.

Please respond no later than: 24 DECEMBER 2009

Attachment

INFORMATION ONLY



Federal Aviation Administration

Memorandum

Date: JAN 19 2010
To: Manager, National Flight Procedures Group, AJW-32
From: Manager, Flight Technologies and Procedures Division, AFS-400
Prepared by: Flight Procedure Implementation & Oversight Branch, AFS-460
Subject: Approval Request; AJW-327 Memorandum Dated 06/26/2008

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Attachments

cc:
AWP-200/AJW-327
AFS-400/410/420/440/460

CONCURRENCES
ROUTING SYMBOL AFS-420
INITIALS/SIG AS
DATE 1/13/10
ROUTING SYMBOL AFS-460
INITIALS/SIG DJH
DATE 1-13-10
ROUTING SYMBOL AFS-410
INITIALS/SIG BW
DATE 1/13/10
ROUTING SYMBOL AFS-400
INITIALS/SIG cf
DATE 1/19/10
ROUTING SYMBOL
INITIALS/SIG
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