

Flight Procedures Cover Page	Task Action: Amendment	Task Type: SID	Estimated Chart Date: 06/17/2021	APWS Task ID: 141A3F4FA27C4CDE88ED269CC5E6B0B9	APWS Project ID: A3CEF82BFB644E3684EF15A4886C560B
Procedure: SID EXTAN SEVEN (RNAV) DENVER CO KDEN		Enroute: YES	Specialist: Garrity, Michael		Agreement Number:
Airport ID: KDEN			Airport City: DENVER		State: CO
Facility ID:	Facility Type:	Flight Inspection Remark Type:			

Procedure Comments:  
ABBREVIATED AMENDMENT

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020 SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED

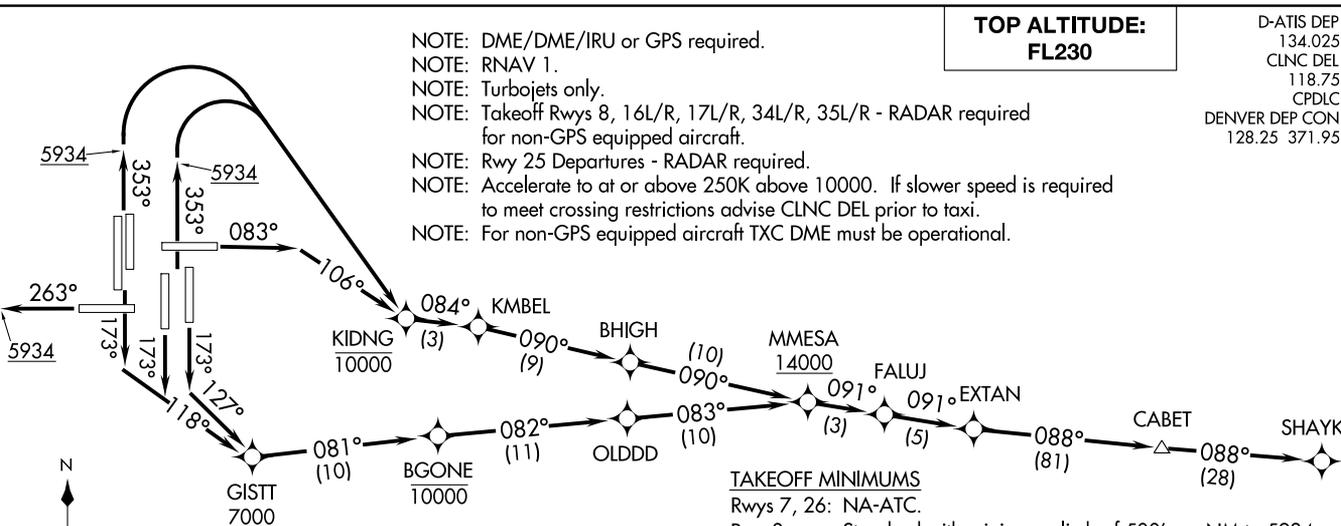
CONTACT: ALLAN WILL, TEAM 2 SUBTEAM-C MANAGER, 405.954.6103, OR MARLON ROBINSON, TEAM 2 MANAGER, 405.954.3636

QUALITY  
26  
CHECKED

QUALITY  
8  
CHECKED

EXTAN SIX DEPARTURE (RNAV)  
(EXTAN6.SHAYK) 30ANZ00

DENVER, COLORADO  
DENVER INTL (DEN)



**TOP ALTITUDE:  
FL230**

D-ATIS DEP 134.025  
CLNC DEL 118.75  
CPDLC  
DENVER DEP CON 128.25 371.95

- NOTE: DME/DME/IRU or GPS required.
- NOTE: RNAV 1.
- NOTE: Turbojets only.
- NOTE: Takeoff Rwys 8, 16L/R, 17L/R, 34L/R, 35L/R - RADAR required for non-GPS equipped aircraft.
- NOTE: Rwy 25 Departures - RADAR required.
- NOTE: Accelerate to at or above 250K above 10000. If slower speed is required to meet crossing restrictions advise CLNC DEL prior to taxi.
- NOTE: For non-GPS equipped aircraft TXC DME must be operational.

(EXTAN6.SHAYK) 20030  
EXTAN SIX DEPARTURE (RNAV)

AL-9077 (FAA)

**OLD**

DENVER INTL (DEN)  
DENVER, COLORADO

TAKEOFF MINIMUMS

Rwys 7, 26: NA-ATC.

- Rwy 8: Standard with minimum climb of 500' per NM to 5934 then minimum climb of 260' per NM to 14000.
- Rwy 16L: Standard with minimum climb of 245' per NM to 14000.
- Rwy 16R: Standard with minimum climb of 450' per NM to 5934 then minimum climb of 225' per NM to 14000.
- Rwy 17L: Standard with minimum climb of 465' per NM to 5934 then minimum climb of 280' per NM to 14000.
- Rwy 17R: Standard with minimum climb of 465' per NM to 5934 then minimum climb of 250' per NM to 14000.
- Rwy 25: Standard with minimum climb of 400' per NM to 5934.
- Rwy 34L: Standard with minimum climb of 500' per NM to 5934 then minimum climb of 220' per NM to 14000.
- Rwy 34R: Standard with minimum climb of 500' per NM to 5934 then minimum climb of 230' per NM to 14000.
- Rwys 35L/R: Standard with minimum climb of 500' per NM to 5934 then minimum climb of 240' per NM to 14000.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to intercept course 106° to cross KIDNG at or below 10000, then on track 084° to KMBEL, then on track 090° to BHIGH, then on track 090° to cross MMESA at or above 14000, thence . . . .

TAKEOFF RUNWAYS 16L/R, 17R: Climb on heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 081° to cross BGONE at or below 10000, then on track 082° to OLDDD, then on track 083° to cross MMESA at or above 14000, thence . . . .

TAKEOFF RUNWAY 17L: Climb on heading 173° to intercept course 127° to cross GISTT at or above 7000, then on track 081° to cross BGONE at or below 10000, then on track 082° to OLDDD, then on track 083° to cross MMESA at or above 14000, thence . . . .

TAKEOFF RUNWAY 25: Climb on heading 263° to 5934, then continue climb on heading 263° or as assigned by ATC for RADAR vectors to EXTAN, thence . . . .

TAKEOFF RUNWAYS 34L/R, 35L/R: Climb on heading 353° to 5934, then climbing right turn direct to cross KIDNG at or below 10000, then on track 084° to KMBEL, then on track 090° to BHIGH, then on track 090° to cross MMESA at or above 14000, thence . . . .

. . . . on depicted route to SHAYK, maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

SW-1, 31 DEC 2020 to 28 JAN 2021

SW-1, 31 DEC 2020 to 28 JAN 2021

# Federal Aviation Administration Categorical Exclusion Declaration

**Date:** 12/15/20

**IFP:** Thompson, Kyle (kyle.thompson@faa.gov)

**Airport Contact:** -

**Request ID:** KDEN\_201215

**Single or Multiple Procedure:** Multiple

**Procedure Name(s):** EEONS SID EMMYS SID EXTAN SID LANDR STAR

**Procedure Request Description:**

Procedure Description:

Amend chart note on all three SIDs from "Accelerate to at or above 250K above 10000..." to "Accelerate to 250KIAS or greater, upon reaching 10000..."

Remove all of the Satellite airports (KAPA, KBJC, KFNL AND KCFO) from all three SIDs. KDEN should be the only airport on these procedures.

Remove Chart note on LANDR Arrival - "NOTE: Adjacent STAR is SAYGE ARRIVAL".

Procedure Benefit:

Procedure changes will reduce confusion.

Procedure Need:

This is poorly worded and was identified by industry as being very confusing to pilots. ATC facility routinely receives calls from pilots asking what the chart note means.

**Declaration of Exclusion:**

The FAA has reviewed the above referenced proposed action and it has been determined, by the undersigned, to be categorically excluded from further environmental documentation according to FAA Order 1050.1, "Environmental Impacts: Policies and Procedures." The implementation of this action will not result in any extraordinary circumstances in accordance with FAA Order 1050.1.

**Basis for this Determination:**

This review was conducted in accordance with policies and procedures in Department of Transportation Order 5610.1, "Procedures for Considering Environmental Impacts" and FAA Order 1050.1.

**The applicable Categorical Exclusion is:**

**5-6.5.k:** Publication of existing air traffic control procedures that do not essentially change existing tracks, create new tracks, change altitude, or change concentration of aircraft on these tracks. (ATO, AVS)

**The above flight procedure has been developed within the accepted parameters.**

Concurrence/Reviewed By:

LONNIE DEL COVALT Digitally signed by LONNIE DEL COVALT  
Date: 2020.12.15 12:22:29 -0600

Date: \_\_\_\_\_

Title: Environmental Protection Specialist

Approved By: **MARINA JMP LANDIS**

Digitally signed by MARINA JMP LANDIS  
Date: 2020.12.15 10:24:03 -08'00'

Title: Environmental Protection Specialist