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|--|---------------|-----------------------------|---|--|---------------------------------------|-------------------------------------|
| Flight Procedure Tracking Form | | Action: AMENDMENT | Task Type: SID | Date Open: 02/09/2018 | Task #: 2018020931704602013 | Request #: 20180209317046 |
| Procedure: SID RIKKK (RNAV) FOUR FORT COLLINS/LOVELAND CO KFNL | | | Airport ID: KFNL | Airport: NORTHERN COLORADO RGNL | | Reimbursable #: NO |
| City: FORT COLLINS/LOVELAND | ST: CO | GPS #: | Estimated Chart Date: 09/13/2018 | | | FICO #: |
| Fac ID: N/A | | Fac. Type: | | Specialist: TARA MARTINELLI | | |
| Procedure Review | | | | | | |
| | Rec'd | Rel'd | Full Name | Comments | | |
| Lead: | 02/13/2018 | 08/02/2018 | MARK ADAMS |  <i>Digitally signed by</i> | | |
| QA: | 08/02/2018 | 07/10/2018 | TRACEY STILES |  BRIAN M SHAFFER | | |
| Liaison: | | | |  Aug 02, 2018 | | |
| Procedure Comments: | | | Remark Type: INFORMATION | | | |
| <p>ABBREVIATED AMENDMENT: CHANGED AIRPORT NAME FROM FORT COLLINS-LOVELAND MUNI TO NORTHERN COLORADO RGNL</p> <p>FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017.</p> <p>08/02/18: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 7/11/18. 8260-15B: DENVER INTL TAKEOFF RWY 17L: CHANGED GISTI TO GISTT.</p> <p>CONTACT LONNIE EVERHART, (405) 954-4576</p> | | | | | | |

FLIGHT PROCEDURES STANDARDS WAIVER

FLIGHT STANDARDS USE ONLY

CONTROL NO:

1. Flight Procedure Identification:

DENVER, CO (KDEN)
DENVER INTL;

RIKKK (RNAV) STANDARD INSTRUMENT DEPARTURE (SID)

2. Waiver Required and Applicable Standard:

8260.46, CHAPTER 2, PARA 2-1e(1)(b)

WHEN ATC REQUIRES PUBLICATION OF A MAXIMUM "AT OR BELOW" ALTITUDE TO SUPPORT AN OPERATIONAL REQUIREMENT, A MINIMUM "AT OR ABOVE" ALTITUDE MUST ALSO BE SPECIFIED.

3. Reason for Waiver (*Justification for nonstandard treatment*):

ATC HAS REQUESTED NUMEROUS CROSS AT OR BELOW ALTITUDES AT VARIOUS WAY-POINTS ON THIS PROCEDURE. SOUTHWEST AND UNITED AIRLINES HAVE REQUESTED THAT THE ASSOCIATED MINIMUM "AT OR ABOVE" ALTITUDE THAT WOULD NORMALLY BE PUBLISHED AT THESE FIXES NOT BE INCLUDED ON THE PROCEDURE.

4. Equivalent Level of Safety Provided:

1. NON-STANDARD MANDATORY CLIMB GRADIENTS HAVE BEEN APPLIED THAT ALLOW FOR A CONTINUOUS CLIMB THAT MEET BOTH CROSS AT OR ABOVE ALTITUDES AND CROSS AT OR BELOW ALTITUDES WHILE ENSURING OBSTACLE CLEARANCE.

2. FOR AIRCRAFT THAT CLIMB RAPIDLY AND MUST LEVEL OFF TEMPORARILY TO MEET THE CROSS AT/BELOW RESTRICTIONS (LOWEST OF WHICH IS 10000), THE CROSS AT OR BELOW ALTITUDES ARE A MINIMUM OF 4000 FT ABOVE ALL OBSTACLES OVER ALL FIXES WITH AT OR BELOW RESTRICTIONS.

3. THE MINIMUM VECTORING ALTITUDE IN THE TERPS EVALUATED DEPARTURE ROUTE WHERE THE AT/BELOW CROSSING RESTRICTIONS ARE LOCATED IS 7000 FEET.

4. ENROUTE ROC FOR LEVEL-OFF ALTITUDE IS ASSURED FOR FAST CLIMBING AIRCRAFT FROM DER TO THE AT OR BELOW FIX.

5. How Relocation or Additional Facilities Will Affect Waiver Requirement:

N/A

6. Coordination With User Organizations (*Specify*):

AJV-354 

7. SUBMITTED BY

DATE:

NOV 09 2012

Office Identification:

AJV-35

Title:

MANAGER, TERMINAL PRODUCTS
GROUP

Signature:


GREG YAMAMOTO

8. CONTINUATION

Comments:

9. AFS ACTION



Approved

Disapproved

Not Required

Comments:

Approved Based on the Equivalent Level of Safety in Block 4.

Date:

Routing Symbol:

Signature:

Robert Ruiz

Signed By: Robert Ruiz
Fri Dec 14 2012 13:01:24 GMT-0500 (Eastern Standard Time)

SIGN HERE

FLIGHT PROCEDURES STANDARDS WAIVER

FLIGHT STANDARDS USE ONLY

CONTROL NO:

1. Flight Procedure Identification:

DENVER, CO (KDEN)

DENVER INTL

RIKKK (RNAV), STANDARD INSTRUMENT DEPARTURE (SID)

2. Waiver Required and Applicable Standard: **8260.46 APPENDIX A, 2. d. DPs DESIGNED USING CONVENTIONAL , RNAV GUIDANCE MUST BE NAMED TO CORRESPOND WITH THE ENROUTE FIX/NAVAID NAME WHERE THE DP ENDS.**

3. Reason for Waiver (*Justification for nonstandard treatment*):

ATC HAS REQUESTED TO DEVIATE FROM THE STANDARD NAMING CONVENTION CONTAINED IN FAAO 8260.46, DEPARTURE PROCEDURE (DP) PROGRAM, APPENDIX A, GUIDELINES FOR DESIGN OF GRAPHIC INSTRUMENT DEPARTURE PROCEDURES (DP). SIDS NAMED OTHER THAN AS DETAILED IN THE ORDER. DENVER TRACON HAS REQUESTED SID NAMES CORRESPONDING WITH WAYPOINT NAMES AT OUTER BOUNDARY OF DENVER TRACON/DENVER ARTCC AIRSPACE.

4. Equivalent Level of Safety Provided:

1. THE REQUESTED NAMING CONVENTION REINFORCES THE OPERATIONAL HABITS USED TODAY BY PILOTS AND CONTROLLERS IN THE DENVER TERMINAL AREA.
2. ATC HAS DETAILED IN ATTACHED MEMO EXTENSIVE JUSTIFICATION FOR REQUESTED DEVIATION FROM SID NAMING CONVENTION.

5. How Relocation or Additional Facilities Will Affect Waiver Requirement:

NA

6. Coordination With User Organizations (*Specify*):

AJV-354 CR6

7. SUBMITTED BY

DATE: OCT 15 2012

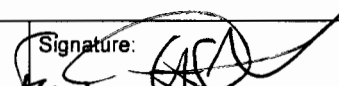
Office Identification:

AJV-35

Title:

MANAGER, TERMINAL PRODUCTS
GROUP

Signature:


GREGORY YAMAMOTO

8. CONTINUATION

Comments:

9. AFS ACTION



Approved

Disapproved

Not Required

Comments:

Approved Based on the Equivalent Level of Safety in Block 4.

Date:

Routing Symbol:

Signature:

Robert Ruiz

Signed By: Robert Ruiz
Fri Dec 14 2012 13:01:30 GMT-0500 (Eastern Standard Time)

SIGN HERE