

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
BJC	RNAV (GPS) RWY 12L	2	DENVER	CO	5673	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM DRROP **TO** NTOOO

RNP 1.00 **DISTANCE** 3.56 **PAT** **MAP** **HAT** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	400412.00N/1050930.00W	5627	215	8	4B	1000				AT1473	8100
TERRAIN	400421.00N/1050930.00W	5416 (5400)								AS1500	6900

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM NTOOO **TO** HALFF

RNP 1.00 **DISTANCE** 3.56 **PAT** **MAP** **HAT** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (08-000509)	400112.00N/1051211.00W	5643	100	20	3C	1000				AT457	7100
TERRAIN	400409.00N/1050930.00W	5426 (5400)								AS1500	6900

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

QUALITY
39
CHECKED

INITIAL

FROM

PYDRT

TO

OTHER

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	6.66										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	400412.00N/1050927.00W	5627	215	8	4B	1000				AT1473	8100
TERRAIN	400424.00N/1050924.00W	5413 (5400)								AS1500	6900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM

OTHER

TO

HALFF

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
1.00	3.60										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	395933.00N/1050915.00W	5781	215	8	4B	1000				AT319	7100
TERRAIN	400409.00N/1050930.00W	5426 (5400)								AS1500	6900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

HALFF

TO

PYYPP

RNP

1.00

DISTANCE

4.04

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	395745.00N/1051236.00W	5935	215	8	4B	500					6500
TERRAIN	395745.00N/1051236.00W	5734 (5700)								AS1000	6700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

WAIVER: IF LEG LENGTH FROM HALFF TO PYYPP OF 4.04 NM TO MAINTAIN ARRIVAL RATES AT KBJC. 8260.58D 1-3-1C.

FINAL: LP

FROM

PYYPP

TO

DUUUD

RNP

0.30

DISTANCE

2.28

PAT

MAP

DUUUD

HAT

359

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TRAVERSE_WAY (08-052869)	395450.73N/1050815.47W	5752	20	3	1A	250					6020

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM

PYYPP

TO

DUUUD

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
0.30	2.28		DUUUD			459					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
BUILDING (08-053226)	395440.10N/1050854.48W	5855	20	3	1A	250				SA-4	6120

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LP

FROM

DUUUD

TO

NSPYR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
0.30							5920				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				8400
BUILDING (08-000516)	394437.00N/1045919.00W	5955	20	3	1A	1000					7000
TERRAIN	395451.00N/1050912.00W	5820 (5800)								AS1500	7300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LNAV

FROM

DUUUD

TO

NSPYR

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 6020				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				8400
BUILDING (08-000516)	394437.00N/1045919.00W	5955	20	3	1A	1000					7000
TERRAIN	395451.00N/1050912.00W	5820 (5800)								AS1500	7300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
POLE (08-053187)	395441.83N/1050930.76W	1.41	507	5876	20	10	1B	300			6180
CATEGORY B											
TRANSMISSION_LINE (08-000497)	395444.30N/1050956.76W	2.02	567	5928	20	3	1A	300			6240
CATEGORY C											
POLE (08-053182)	395333.13N/1051057.60W	3.21	687	6054	20	10	1B	300			6360
CATEGORY D											
AAO	395621.00N/1051203.00W	4.21	687	5975	215	8	4B	300		XP85	6360

CIRCLING REMARKS:

CAT D AAO (4B) FROM TARGETS ASSESSMENT; PLANTING AAO WITH 2C ACCURACY PROVIDES NO ADDITIONAL BENEFIT (CAT C CIRCLING MINIMUMS WOULD BE HIGHER). XP TO MAINTAIN PREVIOUS MINS



MSA

CENTER

DUUUD

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	400136.00N/1053900.00W	277	25.0	13691	215	8	4B	1000		XP509	15200

MSA REMARKS:

XP TO MAINTAIN MINIMUMS

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

DEN APP CON, BJC TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	BJC	24	BJC		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	DEN	24	DEN	20.65	Y	82

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KBJC 5673, KDEN 5434, RA=81.2

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW03 - MIRL (PCL), PAPI-2L (PCL)		BSC-F	
RW21 - MIRL (PCL), PAPI-2L (PCL)		BSC-F	
RW12R - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)		NPI-F	
RW30L - REIL (PCL), MIRL (PCL), PAPI-2L (PCL)		NPI-F	
RW12L - HIRL (PCL), REIL (PCL), PAPI-4L (PCL)		PIR-F	
RW30R - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)		PIR-F	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
					3.00	40.6

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

☐

5190FT FROM THRESHOLD

DISPLACED THRESHOLD DISTANCE

ON CENTERLINE

☒

FT FROM CENTERLINE

CRITICAL TEMPERATURES



CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - VDP WITHIN 0.5 NM OF MAP.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

AVERAGE VEGETATION HEIGHT OF 25 FT PER FPT.

LPV AND LNAV/VNAV NA - VGS PENETRATED.

5661 POLE (08-052810) 395454.620N/1050742.830W (0.15 FT)

5662 LIGHTING (08-052816) 395456.310N/1050741.790W (0.12 FT)

CONTINGENCY NOTES BY NOTAM: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DEN ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C/D 1/4 SM. AND LP VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM.

ORDER 8260.3 CHAPTER 2 APPLIED TO 5929 AAO 395648.00N/1051133.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	FAF	TO 1000FT POINT	3.24
WIDTH OF	INTERMEDIATE	SEGMENT AT 1000FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1000FT POINT	163.21
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1000FT POINT	5700
DISTANCE FROM	FAF	TO 1500FT POINT	4.04
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	163.21
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	5700

THRESHOLD COORDINATES (IF STR-IN)	395455.05N/1050742.29W
ARP COORDINATES	395431.70N/1050701.90W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 30R DISTANCE 0.83 NM
FAF COORDINATES	395715.16N/1051021.30W
FIX NAME COORDINATES	

REMARKS

FAC 144.25T, FINAL IS OFFSET 19.98 DEGREES, MAP IS DUUUD 395523.95N/1050837.32W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
RAKE MCGRAW (ZACHARY KRUEGER)	AJV-A431	03/11/2026	AERONAUTICAL INFORMATION SPECIALIST

