

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT</u> ROCKY MOUNTAIN METROPOLITAN	<u>AIRPORT ID</u> KBJC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12L	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> DENVER	<u>STATE</u> CO	
<u>AIRPORT ELEVATION</u> 5673	<u>TDZE</u> 5661	<u>SUPERSEDED</u> RNAV (GPS) RWY 12L	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 9E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
DRROP	IAF	NTOOO		TF	FB	1.00	184.47	3.56	8100
NTOOO		HALFF		TF	FB	1.00	184.45	3.56	7100
PYDRT	IAF	OTHER		TF	FB	1.00	218.04	6.66	8100
OTHER		HALFF		TF	FB	1.00	217.97	3.60	7100
HALFF	IF	PYYPP		TF	FB	1.00	154.21	4.04	6700
PYYPP	FAF	DUUUD	MAP	TF	FO	0.30	135.25	2.28	
DUUUD	MAP	6200 MSL		CA			135.25		6200
6200 MSL		NSPYR		DF	FO	1.00			8400

MISSED APPROACH

MAP:

LP: DUUUD
LNAV: DUUUD

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6200 THEN CLIMBING LEFT TURN TO 8400 DIRECT NSPYR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2. PROFILE STARTS AT HALFF
- 3. **FAC:** 135.25 **FAF:** PYYPP **DIST FAF TO MAP:** 2.28 **DIST FAF TO THLD:** 3.14
- 4. **MIN ALT:** HALFF 7100, PYYPP 6700
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- 6. **MIN GP INCPT:** **GP ALT AT FAF :** **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:**
- 8. **MSA FROM:** DUUUD 15200

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA FOR CAT D SW OF RWY 12R-30L.
 CHART SPEED ICON IN PLANVIEW AT DRROP: MAX 210 KIAS.
 CHART SPEED ICON IN PLANVIEW AT PYDRT: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

PYYPP TO DUUUD: 3.00/40.6
 FICTITIOUS THRESHOLD POINT (CFVDG) DO NOT CHART.
 CHART MANDATORY 9000 AT PYDRT.
 CHART CIRCLING ICON.
 CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 19.98 DEGREES.
 WAAS CHANNEL #77938
 REFERENCE PATH ID: W12A
 CHART FAS OBST: 5752 TRAVERSE_WAY 395451N/1050815W, 5855 BUILDING 395440N/1050854W.
 5929 AAO 395640N/1051133W.
 FAC CROSSES RWY C/L EXTENDED 5190 FT FROM THLD.
 HOLD S, LT, 338.25 INBOUND
 FTP HAE: 1708.7 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
	FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS
LP MDA	6020	1	359	6020	1	359	6020	1	359	6020	1	359			
LNAV MDA	6120	1	459	6120	1	459	6120	1 3/8	459	6120	1 3/8	459			
CIRCLING	6180	1	507	6240	1	567	6360	2	687	6360	2 1/4	687			



CHANGES - REASONS

1. ADDED INITIAL LEG FROM PYDRT TO PROCEDURE. - ADDED TO PROCEDURE TO CONNECT WITH NEW RNAV ARRIVALS THROUGH PYDRT TO KBJC PER ATC REQUEST.
2. COURSE/DISTANCE FROM HALFF TO PYYPP CHANGED FROM 154.39/4.00 TO 154.21/4.04 - PYYPP FIX LOCATION MOVED 229.29 FT SE TO MAINTAIN 3.00 GPA PER TARGETS EVALUATION.
3. DISTANCE FROM PYYPP TO DUUUD CHANGED FROM 2.32 TO 2.28 - PYYPP FIX LOCATION MOVED 229.29 FT SE TO MAINTAIN 3.00 GPA PER TARGETS EVALUATION.
4. MISSED APPROACH CLEARANCE LIMIT ALTITUDE CHANGED FROM 8700 TO 8400 - ALTITUDE REDUCTION TO PRECLUDE REQUIREMENT FOR CLIMB-IN-HOLD PROCEDURES DUE TO PROJECTED AIRCRAFT ALTITUDE AT CLEARANCE LIMIT.
5. DIST FAF TO MAP CHANGED FROM 2.32 TO 2.28 - PYYPP FIX LOCATION MOVED 229.29 FT SE TO MAINTAIN 3.00 GPA PER TARGETS EVALUATION.
6. ADDED PBN REQUIREMENTS NOTE: RNP APCH, REMOVED CHART NOTE: DME/DME RNP-0.3 NA. - PBN REQUIREMENTS NOTATION CHANGED IAW FAAO 8260.19H.
7. ADDED CHART SPEED ICON NOTES AT DRDROP AND PYDRT - SPEED LIMITATION REQUIRED FOR SHORTENED LEGS, REDUCTION IN TURN RADIUS AND ATC VECTOR REQUIREMENTS PER TARGETS EVALUATION.
8. ADDED CHART NOTE: CIRCLING NA FOR CAT D SW OF RWY 12L-30R - ADDED RESTRICTION ALLOWS CIRCLING FOR CATEGORY D AIRCRAFT, PREVIOUSLY NOTAM'D NA DUE TO MDA ALTITUDE HIGHER THAN FAF ALTITUDE.
9. CHANGED CIRCLING CAT D MINIMUMS FROM 6860 MDA/1187 HAA TO 6360 MDA/687 HAA - LOWER CIRCLING MDA DUE TO ADDED CIRCLING RESTRICTION, CANCELS T-NOTAM 9/0916.
10. CHANGED CIRCLING CAT D VISIBILITY FROM 3 TO 2 1/4 - LESS VISIBILITY REQUIRED DUE TO LOWER CIRCLING MDA PER VISCHECK.
11. ALTERNATE MINIMUMS CHANGED FROM CAT D 1200-3 TO CAT D 800-2 1/4 - LOWER CIRCLING MDA REDUCED REQUIRED CEILING AND VISIBILITY REQUIREMENTS.
12. ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" TO ALTERNATE MINIMUMS NOTE - ADDED IAW FAAO 8260.19H CHG 1 AND AFS CLARIFICATION OF AIRPORT ELIGIBILITY REQUIREMENTS FOR APPROVAL OF ALTERNATE MINIMUMS (MEMO 266).
13. CRC REMAINDER CHANGED FROM B4DC156F TO E6F1D0C6 - FTP LAT/LONG CHANGED FROM 395444.0850N/1050800.0810W TO 395442.3120N/1050758.4250W, FPAP LAT/LONG CHANGED FROM 395332.4250N/1050653.1715W TO 395329.9170N/1050650.8315W PER TARGETS EVALUATION.

COORDINATED WITH:

AAA **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZDV, DEN APP CON, BJC ATCT, AMGR

FLIGHT CHECKED BY

THOMAS CONKLIN

Digitally signed by

WARDELL HENNING

Dec 31, 2019

OFFICE

FICO

DATE

12/23/2019

DEVELOPED BY

WARDELL HENNING (ROBERT LYMAN)

Digitally signed by

WARDELL HENNING

Dec 31, 2019

OFFICE

AJV-A432

DATE

10/23/2019

APPROVED BY

LONNIE EVERHART

Digitally signed by

WARDELL HENNING

Dec 31, 2019

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBJC
RUNWAY	RW12L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	395442.3120N
LTP/FTP LONGITUDE	1050758.4250W
LTP/FTP ELLIPSOIDAL HEIGHT	+17087
FPAP LATITUDE	395329.9170N
FPAP LONGITUDE	1050650.8315W
THRESHOLD CROSSING HEIGHT (TCH)	00040.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	E6F1D0C6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+17253
FPAP ORTHOMETRIC HEIGHT	+17253

