

**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 ID</u> KCBK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> COLBY	<u>STATE</u> KS		
<u>AIRPORT ELEVATION</u> 3188	<u>TDZE</u> 3188	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 08/10/2023	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 OCTOBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 082/30 CW 262/30	NOPT	YEBVI	IF/IAF	5100
2. 262/30 CW 352/30		ILQUP	IAF	5100
3. 352/30 CW 082/30		352/16 CW 082/16		5700
4. 352/16 CW 082/16		OFVEX	IAF	5100

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ILQUP	IAF	YEBVI	NOPT	TF	FB	1.00	262.50	8.00	5100
OFVEX	IAF	YEBVI	NOPT	TF	FB	1.00	082.28	8.00	5100
YEBVI	IF/IAF	UKDAW		TF	FB	1.00	172.39	6.27	4800
UKDAW	FAF	RW17	MAP	TF	FO	0.30	172.39	4.94	
RW17	MAP	3438 MSL		CA			172.39		
3438 MSL		IKBUW		DF	FO	1.00			5200

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5200 DIRECT IKBW AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD N YEBVI, RT, 172.39 INBOUND, 5100 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	172.39	FAF:	UKDAW	DIST FAF TO MAP:	4.94
4. MIN ALT:	YEBVI 5100, UKDAW 4800				
5. DIST TO THLD FROM FAF:	4.94	MM:	IM:	150 HAT:	250 HAT: 0.66
6. MIN GP INCPT:	4800	GP ALT AT PFAF :	UKDAW 4800	OM:	GS ANT:
7. GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR
8. MSA FROM:		TCH:	40.0	MM:	IM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING OAKLEY ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C OR ABOVE 54°C.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OAKLEY ALTIMETER SETTING: INCREASE LPV DA TO 3509 FEET AND ALL VISIBILITIES 1/4 SM, LNAV/VNAV DA TO 3509 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 80 FEET AND VISIBILITY CAT C 1/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 352.39 INBOUND.
FAS OBST: 3370 AAO 393020N/1010347W.
3410 AAO 393121N/1010427W.
CHART VDP AT 1.23 NM TO RW17.
WAAS CHANNEL # 78045
REFERENCE PATH ID: W17A
CHART DENVER CENTER FREQUENCY.
LTP HAE: 947.3 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	HAT/HAA
LPV DA	3438	3/4	250	3438	3/4	250	3438	3/4	250		NA				
LNAV/VNAV DA	3438	3/4	250	3438	3/4	250	3438	3/4	250		NA				
LNAV MDA	3620	1	432	3620	1	432	3620	1 1/4	432		NA				

CHANGES - REASONS

1. MAP: ADDED LPV: DA - LPV MINIMUMS ADDED PER FPT/ATC REQUEST.
2. UPDATED CHART NOTE FROM "WHEN LOCAL ALTIMETER NOT RECEIVED, USE GOODLAND ALTIMETER SETTING: INCREASE LNAV/VNAV DA TO 3573 FEET AND ALL VISIBILITIES 3/8 SM; INCREASE ALL MDAS 140 FEET AND VISIBILITY CAT C 3/8 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OAKLEY ALTIMETER SETTING: INCREASE LPV DA TO 3509 FEET AND ALL VISIBILITIES 1/4 SM, LNAV/VNAV DA TO 3509 FEET AND ALL VISIBILITIES 1/4 SM; INCREASE ALL MDAS 80 FEET AND VISIBILITY CAT C 1/8 SM. - LPV MINIMUMS ADDED PER FPT/ATC REQUEST, CHANGED SECONDARY ALT FROM KGLD TO KOEL FOR LOWER RASS ADJUSTMENT.
3. NOTES: DELETED "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" - VGSI TCH INCREASED FROM 23.4 TO 40, VGSI AND RNAV GLIDEPATHS NOW COINCIDENT.
4. ADDITIONAL FLIGHT DATA: FAS CONTROLLING OBSTACLE COORDINATES CHANGED FROM "393021N/1010348W" TO "393020N/1010347W". - NEW CONTROLLING OBSTACLE.
5. ADDITIONAL FLIGHT DATA: CHANGED 7:1 ELIMINATED OBSTACLE FROM "3400 AAO 393055N/1010410W" TO "3410 AAO 393121N/1010427W". - NEW 7:1 OBSTACLE EVALUATION.
6. ADDITIONAL FLIGHT DATA: CHANGED VDP FROM "1.28 TO RW17" TO "1.23 TO RW17" - VGSI TCH INCREASED FROM 23.4 TO 40 FROM UKDAW TO RW17.
7. ADDITIONAL FLIGHT DATA: ADDED WAAS CHANNEL, LTP HAE, AND REFERENCE PATH ID - REQUIRED FOR LPV MINIMUMS.
8. MINIMUMS: ADDED LPV DA MINIMUMS - PER FPT/ATC REQUEST.

COORDINATED WITH:**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDV, KS STATE AERO, AMGR**FLIGHT CHECKED BY**

JOEL F HAWKLEY

*Digitally signed by***CASIMIR L TABAKA**

Aug 14, 2023

OFFICE

FPO

DATE

08/11/2023

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

*Digitally signed by***CASIMIR L TABAKA**

Jul 10, 2023

OFFICE

AJV-A430

DATE

03/22/2023

APPROVED BY

CASIMIR TABAKA

*Digitally signed by***CASIMIR L TABAKA**

Jul 10, 2023

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	KCBK
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	392606.9405N
LTP/FTP LONGITUDE	1010253.8465W
LTP/FTP ELLIPSOIDAL HEIGHT	+09473
FPAP LATITUDE	392437.7655N
FPAP LONGITUDE	1010254.6295W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7A568742

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+09718
FPAP ORTHOMETRIC HEIGHT	+09718