

**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> KGEV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> JEFFERSON	<u>STATE</u> NC		
<u>AIRPORT ELEVATION</u> 3178	<u>TDZE</u> 3142	<u>SUPERSEDED</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 03/30/2017	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 186/30 CW 006/30	NOPT	186/10 CW 006/10		6800
2. 186/10 CW 006/10		WRAYS	IF/IAF	6500
3. 006/30 CW 186/30		006/10 CW 186/10		8000
4. 006/10 CW 186/10		WRAYS	IF/IAF	6500

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WRAYS	IF/IAF	JEFFS		TF	FB	1.00	276.04	6.20	5200
JEFFS	FAF	RW28	MAP	TF	FO	0.30	275.96	6.48	
RW28	MAP	3578 MSL		CA			275.96		
3578 MSL		WRAYS		DF	FO	1.00			6500

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW28

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 6500 DIRECT WRAYS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6500.
 *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 350 FEET PER NM TO 5700.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED FINAL SEGMENT FROM JEFFS TO ASHER (MAP) TO JEFFS TO RW28. DISTANCE CHANGED FROM 5.41 TO 6.48 - PER CURRENT CRITERIA AND FPT/ATC REQUEST.
2. MAP: LP/LNAV: ASHER REMOVED AND ADDED LPV: DA, LNAV/VNAV: DA AND LNAV: RWY 28 - LP LINE OF MIN REMOVED AND LPV, LNAV/VNAV ADDED - PER CURRENT CRITERIA AND FPT/ATC REQUEST.
3. MISSED APPROACH INSTUCTIONS: CHANGED FROM CLIMBING RIGHT TURN TO 6500 DIRECT WRAYS AND HOLD TO CLIMBING RIGHT TURN TO 6500 DIRECT WRAYS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6500. *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 350 FEET PER NM TO 5700 - C-I-H EVALUATION REQUIRED AND LPV CLIMB OF 350 FEET PER NM TO 5700 ADDED TO LINE OF MINS TO REDUCE MINS ON FINAL.
4. PROFILE LINE 3: CHANGED DIST FAF TO MAP FROM 5.41 TO 6.48 - MAP AT ASHER REMPVED.
5. PROFILE LINE 5: ADDED 657 HAT: 2.07 - LPV LINE OF MINS ADDED.
6. PROFILE LINE 6: ADDED MIN GPS INCPT: 5200 AND ADDED GP ALT PFAF: JEFFS 5200 - LPV, LNAV/VNAV LINE OF MINS ADDED PER FPT/ATC REQUEST.
7. PROFILE LINE 7: ADDED GP ANGLE 3.00 AND TCH 47.8 - LPV, LNAV/VNAV LINE OF MINS ADDED PER FPT/ATC REQUEST.
8. PROFILE LINE 7: CHANGED 34:1 FROM IS NOT CLEAR TO IS CLEAR - NEW EVALUATION, NO 34:1'S.
9. PBN REQUIREMENTS NOTES: ADDED RNP APCH - GPS - PER CURRENT CRITERIA.
10. NOTES: REMOVED CHART NOTE: CIRCLING NA FOR CAT D N OF RWY 10-28 - NEW CIRCLING EVALUATION AND PER FPT/ATC REQUEST.
11. NOTES: REMOVED CHART NOTE: DME/DME RNP-0.3 NA - NO LONGER REQUIRED PER CURRENT CRITERIA.
12. NOTES: REMOVED CHART NOTE: REMOVED NOTE RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW ¼ SM NOT AUTHORIZED - 34:1'S IS CLEAR.
13. NOTES: REMOVED PLAINVIEW NOTE: LIMIT MISSED APPROACH TO 220 KIAS UNTIL COMPLETING TURN - NOTE NO LONGER REQUIRED PER TARGETS RUN/CURRENT CRITERIA.
14. NOTES: MOVED CHART NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MARION/WYTHEVILLE ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET AND LP AND LNAV CAT B VISIBILITY ¼ MILE AND LP AND LNAV CATS C/D VISIBILITY 1/2 MILE, VDP NA WHEN USING MARION/WYTHEVILLE ALTIMETER SETTING, CATS C/D CIRCLING NA WHEN USING MARION/WYTHEVILLE ALTIMETER SETTING - TO THE BACK OF THE 8260-9 - KGEV IS ON SERVICE A.
15. ADDITIONAL FLIGHT DATA: CHANGED FAS OBS FROM 3599 AAO 362526N/0811824W TO 3560 AAO 362527N/0811828W - NEW LNAV CONTROLLING OBSTACLE.
16. ADDITIONAL FLIGHT DATA: REMOVED JEFFS TO RW28: 3.00/47.8 - VDA NOT APPLICABLE ON PRECISION APPROACHES.
17. ALTERNATE MINS: CHANGED FROM CAT A, B 1100-2, CAT C, D 2000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE TO CAT A, B 1500-4, CAT C 2000-4, CAT D 2100-4, NA WHEN LOCAL WEATHER NOT AVAILABLE - NEW/UPDATED LINE OF MINS.
18. MINIMUMS: REMOVED LP AND ADDED LPV (350/5700), LPV AND LNAV/VNAV - PER FPT/ATC REQUEST.
19. MINIMUMS: CHANGED LNAV MDA/HAT FROM 4060/918 TO 4580/1438 AND CAT C/D VISIBILITY CHANGED FROM 2 ½ TO 3.
20. MINIMUMS: CHANGED CIRCLING CAT A/B MDA/HAA FROM 4240/1062 TO 4580/1402 AND CAT D MDA/HAA CHANGED FROM 5140/1962 TO 5180/2002 - CAT A/B MATCHED STRAIGHT-IN MINS AND NEW CONTROLLING OBSTACLE IN CIRCLING CAT D.
21. FAS DATA CHANGES: FPAP LATITUDE CHANGED FROM 362555.5785 TO 362555.5855, LENGTH OF OFFSET CHANGED FROM 1232 TO 1224 AND CRC REMAINDER CHANGED FROM F6ED5EBD TO BC5E6D34.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZDC, AMGR

FLIGHT CHECKED BY
ROBERT E WILLIAMS

Digitally signed by
DAVID TEFFETELLER
Jan 13, 2023

OFFICE
FPO
DATE
01/11/2023

DEVELOPED BY
TARA MARTINELLI

Digitally signed by
TARA N MARTINELLI
Sep 29, 2022

OFFICE
AJV-A431
DATE
09/29/2022

APPROVED BY
JOHNNIE BAKER

Digitally signed by
ERIC N SUSKI
Oct 03, 2022

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	KGEV
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	362557.3360N
LTP/FTP LONGITUDE	0812435.9840W
LTP/FTP ELLIPSOIDAL HEIGHT	+09096
FPAP LATITUDE	362555.5855N
FPAP LONGITUDE	0812626.3770W
THRESHOLD CROSSING HEIGHT (TCH)	00047.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BC5E6D34

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+09409
FPAP ORTHOMETRIC HEIGHT	+09409

