

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
VOR STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.23**

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.

<b>AIRPORT ID</b> 13K	<b>PROCEDURE NAME</b> VOR RWY 18	<b>ORIGINAL/AMENDMENT</b> 3	<b>CITY</b> EUREKA	<b>STATE</b> KS
<b>AIRPORT ELEVATION</b> 1208	<b>TDZE</b> 1207	<b>SUPERSEDED</b> VOR/DME RWY 18	<b>DATED</b> 09/09/2021	<b>MAG VAR</b> 8E
<b>FACILITY</b> EMP	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 16 MAY 2024	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 1970
			<b>CANCEL/SUSPEND</b>	

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
EMP VORTAC	IAF	DELYE/EMP 12.00 DME	NOPT				187.49	12.00	3100
DELYE/EMP 12.00 DME	IF	EUREK/EMP 21.27 DME					187.49	9.27 (EMP R-187)	3100

**MISSED APPROACH**

**MAP:**

EMP 27.09 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2100 THEN CLIMBING LEFT TURN TO 3100 ON EMP R-187 TO EUREK/EMP 21.27 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N EUREK, RT, 187.49 INBOUND, 3100 FT. IN LIEU OF PT (FAF/IAF), MAX 6000.
- FAF:** 187.49 **FAF:** EUREK/EMP 21.27 DME **DIST FAF TO MAP:** 5.82 **DIST FAF TO THLD:** 5.82
- MIN ALT:** EUREK/EMP 21.27 DME 3100
- MSA FROM:** EMP VORTAC 3100 (30NM)

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**

CHART NOTE: CIRCLING NA TO RWYS 8 AND 26.  
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EMPORIA ALTIMETER SETTING: INCREASE ALL MDAS 80 FEET AND S-18 CAT C VISIBILITY 1/4 SM, CIRCLING CAT C VISIBILITY 1/4 SM.

**ADDITIONAL FLIGHT DATA:**

CHART FAS OBST: 1520 TOWER (20-002235) 375539N/0961442W.  
1588 AAO 375806N/0961745W.  
EUREK TO RW18: 3.00/40.



**MINIMUMS:**

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

ALTERNATE: NA  STANDARD - CAT C 900-2 1/2, 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
S-18	1820	1	613	1820	1	613	1820	1 3/4	613						
CIRCLING	1820	1	612	1820	1	612	2060	2 1/2	852						

**CHANGES - REASONS**

1. TERMINAL ROUTES: DELETED CNU VOR/DME FEEDER – FACILITY BEING CANCELLED AS PART OF VOR/MON PROGRAM.
2. TERMINAL ROUTES: RAISED IAF AND IF ALT FROM "3000" TO 3100" – MITIGATED HOLDING AIRSPACE CONTAINMENT REQUIREMENTS.
3. TERMINAL ROUTES: CHANGED "EUREK/22.00 DME" TO "EUREK/21.27 DME" AND DISTANCE FROM "10.00" TO "9.27" – EUREK MOVED 4410 FEET NORTH PER FPT CHECKLIST COORDINATES.
4. MISSED APPROACH: CHANGED FROM "CLIMBING LEFT TURN TO 3000 VIA EMP R-187 TO EUREK/22 DME AND HOLD" TO "CLIMB TO 2100 THEN CLIMBING LEFT TURN TO 3100 ON EMP R-187 TO EUREK/21.27 DME AND HOLD" – INITIAL CLIMB TO ALT ADDED PER FPT TO AVOID C-I-H AT THE FAF DUE TO AIRSPACE CONTAINMENT ISSUES.
5. PROFILE LINE 2. CHANGED "3000 FT" TO "3100FT", ADDED "MAX 6000" – PER FPT, ATC REQUEST IAW 8260.19I, 8-6-7.B(2).
6. PROFILE LINE 3. CHANGED "EUREK" TO "EUREK/EMP 21.27 DME" AND DIST FAF TO MAP "5.09" TO "5.82" - EUREK MOVED 4410 FEET NORTH.
7. PROFILE LINE 4: CHANGED "EUREK 3000" TO "EUREK/EMP 21.27 DME 3100" – PER ATC REQUEST/FPT CHECKLIST.
8. EQUIPMENT REQUIREMENTS: ADDED "DME REQUIRED" - IAW 8260.19I, 4-1-5.A(1).
9. NOTES: ADDED "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" – IAW 8260.19I 8-6-9.M.
10. CHANGED "CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED USE WICHITA ALTIMETER SETTING" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EMPORIA ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND S-18 CAT C VISIBILITY 1/4 SM, CIRCLING CAT C VISIBILITY 1/4 SM." – DELETED WICHITA ALTIMETER SETTING MINIMUMS, BACK-UP ALTIMETER SOURCE CHANGED TO EMPORIA, ADJUSTMENTS ADDED AS NOTE IN LIEU OF SEPARATE SET OF MINIMUMS.
11. ADDITIONAL FLIGHT DATA: DELETED "HOLD N, RT, 187.49 INBOUND" - DOCUMENTED ON PROFILE LINE 2, PER CURRENT CRITERIA.
12. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM "1389 WINDMILL (17-1898) 375546N/0961627W" TO "1520 TOWER (20-002235) 375539N/0961442W" – NEW CONTROLLING OBSTACLE.
13. ADDITIONAL FLIGHT DATA: ADDED "1588 AAO 375806N/0961745W" – NEW 7:1 OBSTACLE.
14. ADDITIONAL FLIGHT DATA: CHANGED "EUREK TO RW18: 3.25/40." TO "EUREK TO RW18: 3.00/40." – PROCEDURE CONSTRUCTED FOR OPTIMUM GPA.
15. ALTERNATE MINIMUMS: CHANGED FROM "NA" TO "STANDARD - CAT C 900-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE." - LOCAL ALTIMETER IS ON WMSCR.
16. MINIMUMS: RAISED S-18 MDA/HAT FROM "1700/494" TO "1820/613", RAISED CAT C VISIBILITY FROM "1 1/2 SM" TO "1 3/4 SM", LOWERED CAT B VISIBILITY FROM "1 1/4 SM" TO "1 SM" – NEW CONTROLLING OBSTACLE, 8260.3E TABLE 3-3-1, 3-3-3 APPLIED.
17. MINIMUMS: RAISED CIRCLING CAT A/B MDA/HAA FROM "1700/494" TO "1820/612", CAT C FROM "1700/494" TO "2060/852", RAISED CAT C VISIBILITY FROM "1 1/2 SM" TO "2 1/2 SM", LOWERED CAT B VISIBILITY FROM "1 1/2 SM" TO "1 SM" - NEW CONTROLLING OBSTACLE, 8260.3E TABLE 3-3-1, 3-3-3 APPLIED.
18. MINIMUMS: DELETED WICHITA ALTIMETER SETTING MINIMUMS – BACK-UP ALTIMETER SOURCE CHANGED TO EMPORIA, ADJUSTMENTS ADDED AS NOTE IN LIEU OF SEPARATE SET OF MINIMUMS.

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER: ZKC, AMGR

**FLIGHT CHECKED BY**

TERRY HESTER

*Digitally signed by*  
**CASIMIR L TABAKA**  
Feb 28, 2024

**OFFICE**

FPO

**DATE**

02/27/2024

**DEVELOPED BY**

CASIMIR L. TABAKA (ROBERT A. SWINSON)

*Digitally signed by*  
**CASIMIR L TABAKA**  
Feb 09, 2024

**OFFICE**

AJV-A432

**DATE**

10/10/2023

**APPROVED BY**

CASIMIR L. TABAKA

*Digitally signed by*  
**CASIMIR L TABAKA**  
Feb 09, 2024

**OFFICE**

AJV-A432

**DATE**

**TITLE**  
MANAGER

