

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> DECORAH MUNI	<u>AIRPORT ID</u> KDEH	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> DECORAH	<u>STATE</u> IA	
<u>AIRPORT ELEVATION</u> 1158	<u>TDZE</u> 1158	<u>SUPERSEDED</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 03/29/2018	<u>MAG VAR</u> 1E	<u>EPOCH YEAR</u> 1995
<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>
FAYNE	IF/IAF	AVELE		TF	FB	1.00	293.83	7.36	2900
AVELE	FAF	KUCCE/1.90 NM TO RW29		TF	FB	0.30	293.73	2.11	
KUCCE/1.90 NM TO RW29		RW29	MAP	TF	FO	0.30	293.73	1.90	
RW29	MAP	1800 MSL		CA			293.73		1800
1800 MSL		FAYNE		DF	FO	1.00			2900

MISSED APPROACH

MAP:

LNAV: RW29

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 2900 DIRECT FAYNE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE FAYNE, RT, 293.83 INBOUND, 2900 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 293.73 FAF: AVELE DIST FAF TO MAP: 4.01 DIST FAF TO THLD: 4.01
- MIN ALT: FAYNE 2900, AVELE 2900, KUCCE/1.90 NM TO RW29 2000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT:
- MIN GP INCPT: GP ALT AT FAF : OM: MM: IM:
- GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:
- MSA FROM: RW29 2900



PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

AVELE TO RW29: 4.00/40.
CHART CIRCLING ICON.
CHART FAS OBST: 1289 TREE 431635N/0914324W.
1440 AAO 431406N/0913900W.

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
LNAV MDA	1540	1	382	1540	1	382		NA			NA				
CIRCLING	1600	1	442	1620	1	462		NA			NA				

CHANGES - REASONS

1. REMOVED UKN FEEDER FROM PROCEDURE - UKN SCHEDULED DECOMMISSIONING.
2. DELETED CHART NOTE: DME/DME RNP-0.3 NA - NO LONGER REQUIRED.
3. ADDED "RNP APCH" TO PBN REQUIREMENTS NOTE - IAW 8260.19H.
4. REMOVED CHART NOTE: CIRCLING RWY 29 NA AT NIGHT - 20:1 OBSTACLE (1223 POLE (19-024494)) IS LIT.
5. CHANGED DIST FAF TO MAP/THLD FROM: 5.27 TO: 4.01 - VDA CHANGED FROM 3.04/40 TO 4.00/40 TO MATCH VGSI.
6. CHANGED DISTANCE FAF (AVELE) TO STEPDOWN (KUCCE) FROM 2.97 TO 2.11 - FAF MOVED 1.26 NM NW.
7. CHANGED DISTANCE STEPDOWN (KUCCE) FROM: KUCCE/2.30 NM TO RW29 TO: KUCCE/1.90 NM TO RW29 - FIX MOVED 2430.6 FEET NW.
8. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMBING LEFT TURN TO 2900 DIRECT FAYNE AND HOLD" TO "CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 2900 DIRECT FAYNE AND HOLD" - ELIMINATE (1482 TOWER (19-001523)) MISSED PENETRATION.
9. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - NEW CIRCLING RADII APPLIED.
10. LOWERED LNAV ALL CATS MDA/HAT FROM 1580/422 TO 1540/382 - NEW OBSTACLE EVALUATION.
11. DELETED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON UKN VOR/DME AIRWAY RADIALS 084 CW 216" - UKN SCHEDULED DECOMMISSIONING.
12. CHANGED FAS OBSTACLE FROM: "1319 TREE 431635N/0914324W" TO "1289 TREE 431634N/0914323W" - NEW OBSTACLE EVALUATION.
13. CHANGED INTERMEDIATE SEGMENT LENGTH FROM 6.10 TO 7.36 - FAF MOVED 1.26 NM NW.
14. CHANGED FINAL COURSE FROM 293.75 TO 293.73 - TARGETS EVALUATION RESULTS/FAF MOVED.
15. RAISED STEPDOWN FIX (KUCCE) MIN ALTITUDE FROM 1920 TO 2000 AND ADDED VAA: 2005 - STEPDOWN FIX MOVED.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZMP ARTCC, AMGR

FLIGHT CHECKED BY

SCOTT WIEBE

<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
WARDELL HENNING	FICO	1/16/20
Jan 22, 2020		

DEVELOPED BY

WARDELL HENNING (THERON CYRUS)

<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
WARDELL HENNING	AJV-A432	10/09/2019
Jan 22, 2020		

APPROVED BY

LONNIE EVERHART

<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
WARDELL HENNING	AJV-A430		MANAGER
Jan 22, 2020			

