

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
IHKAW (IAF)	GECNU (NOPT) (FB)	030.11 / 5.00	3300	LPV: DA LNAV/VNAV: DA LNAV: RW12	
NEVPE (IAF)	GECNU (NOPT) (FB)	210.18 / 5.00	3300	CLIMB TO 3900 DIRECT OTLAZ AND HOLD.	
GECNU (IF/IAF)	OTKAH (FB)	120.14 / 6.09	2900	ADDITIONAL FLIGHT DATA: HOLD SE, RT, 300.43 INBOUND. CHART FAS OBST: 1599 100' TREE 420130N/0952615W CHART 1285 BLDG 415925N/0952348W. CHART VDP AT 1.76 MILES TO RW12* *LNAV ONLY. WAAS CHANNEL # 90409 REFERENCE PATH ID: W12A DISTANCE TO THLD FROM 250 HAT: 0.66NM. CHART TDZE: 1274' CHART AIRPORT ELEV 1274'	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD NW GECNU, RT, 120.14 INBOUND, 3300 FT. IN LIEU OF PT (IAF)

3. FAC: FAF: OTKAH DIST FAF TO MAP: 4.91 THLD: 4.91

4. MIN. ALT: GECNU 3300, OTKAH 2900

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:

6. MIN GS INCPT: 2900 GS ALT AT: OTKAH OM: MM: IM:

7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR

8. MSA FROM: MAG VAR: 4E EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	X										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1524	1	250	1524	1	250	1524	1	250		NA				
LNAV/VNAV DA	1554	1	280	1554	1	280	1554	1	280		NA				
LNAV MDA	1860	1	586	1860	1	586	1860	1 1/2	586		NA				
CIRCLING	1860	1	586	1880	1	606	1880	1 3/4	606		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CARROLL ALTIMETER SETTING.
SEE 8260-10

CITY AND STATE DENISON, IA	ELEVATION: 1274 TDZE: 1274 AIRPORT NAME: DENISON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, AMDT 1 SEP 25 2008	SUP: AMDT: ORIG DATED 02/21/2002
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NOTES CONT.**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CARROLL ALTIMETER SETTING AND INCREASE****ALL DA 72 FEET AND ALL MDA 80 FEET. INCREASE LPV VISIBILITY 1/4 MILE ALL CATS, LNAV/VNAV 1/4 MILE****ALL CATS, LNAV CAT C 1/4 MILE, AND CIRCLING CAT C 1/4 MILE.****TAA**

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	030/30 CW 210/30 (NOPT)	GECNU (IF/IAF)	3300
2.	210/30 CW 300/30	NEVPE (IAF)	3300
3.	300/30 CW 030/30	IHKAW (IAF)	3300

CITY AND STATE

DENISON, IA

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FACILITY
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RNAV

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RNAV (GPS) RWY 12, AMDT 1

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KDNS
RUNWAY RW12
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W12A
LTP/FTP LATITUDE 415922.6075N
LTP/FTP LONGITUDE 0952313.6150W
LTP/FTP ELLIPSOIDAL HEIGHT +03591
FPAP LATITUDE 415832.3900N
FPAP LONGITUDE 0952134.9100W
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 1224
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

A8240A59

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +03883
FPAP ORTHOMETRIC HEIGHT +03883

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GECNU	GECNU	010		HF	R	FB		120.1(124T)	004.0	03300
	IHKAW	IHKAW	010	IAF	IF		FB				
	IHKAW	GECNU	020		TF		FB	1.0	030.1(034T)	005.0	03300
	NEVPE	NEVPE	010	IAF	IF		FB				
	NEVPE	GECNU	020		TF		FB	1.0	210.2(214T)	005.0	03300
		GECNU	010	FACF	IF		FB				03300
		OTKAH	020	FAF	TF		FB	0.5	120.1(124T)	006.1	02900
		RW12	030	MAP	TF		FO	0.3	120.2(124T)	004.9	01314

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OTLAZ	040		DF		FO	1.0			03900
	OTLAZ	050		HM	R	FO	2.0	300.4(304T)	004.0	03900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GECNU	N420533.85	W0953526.11	N4205.564	W09535.435
	IHKAW	N420125.42	W0953912.06	N4201.424	W09539.201
	NEVPE	N420942.19	W0953139.72	N4209.703	W09531.662
	OTKAH	N420208.60	W0952840.52	N4202.143	W09528.675
	OTLAZ	N415231.97	W0950949.09	N4152.533	W09509.818
	RW12	N415922.61	W0952313.62	N4159.377	W09523.227

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12	01274	40

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